Form 3160-3
(February 2005)

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
U-01393-B

6. If Indian, Allotee or Tribe Name

1a. Type of work: ☑ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.
Natural Buttes Unit

1b. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other ☐ Single Zone ☑ Multiple Zone

8. Lease Name and Well No.
Natural Buttes Unit 614-05E

2. Name of Operator
EOG RESOURCES, INC

9. API Well No.
43-047-39305

3a. Address **1060 EAST HIGHWAY 40**
VERNAL, UT 84078

3b. Phone No. *(include area code)*
435-781-9111

10. Field and Pool, or Exploratory
Natural Buttes/Wasatch/Mesaverde

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface 602833Y **716' FNL & 1967' FEL (NWNE) 39.982597 LAT 109.573847 LON**
At proposed prod. zone **Same** 4426584 39.982398 -109.573143

11. Sec., T. R. M. or Blk. and Survey or Area
Sec. 5-T10S-R21E, S.L.B.&M.

14. Distance in miles and direction from nearest town or post office*
45.0 miles south of Vernal, UT

12. County or Parish
Uintah County

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of acres in lease	17. Spacing Unit dedicated to this well
673 Lease Line	**649**	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth	20. BLM/BIA Bond No. on file
4390	**8070**	**NM2308**
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will start*	23. Estimated duration
4956 GL		**45 days**

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature	Name *(Printed/Typed)*	Date
Mary A. Maestas	**Mary A. Maestas**	5/14/2007
Title **REGULATORY ASSISTANT**		
Approved by *(Signature)*	Name *(Printed/Typed)* **BRADLEY G. HILL**	Date 05-16-07
Title	Office **ENVIRONMENTAL MANAGER**	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

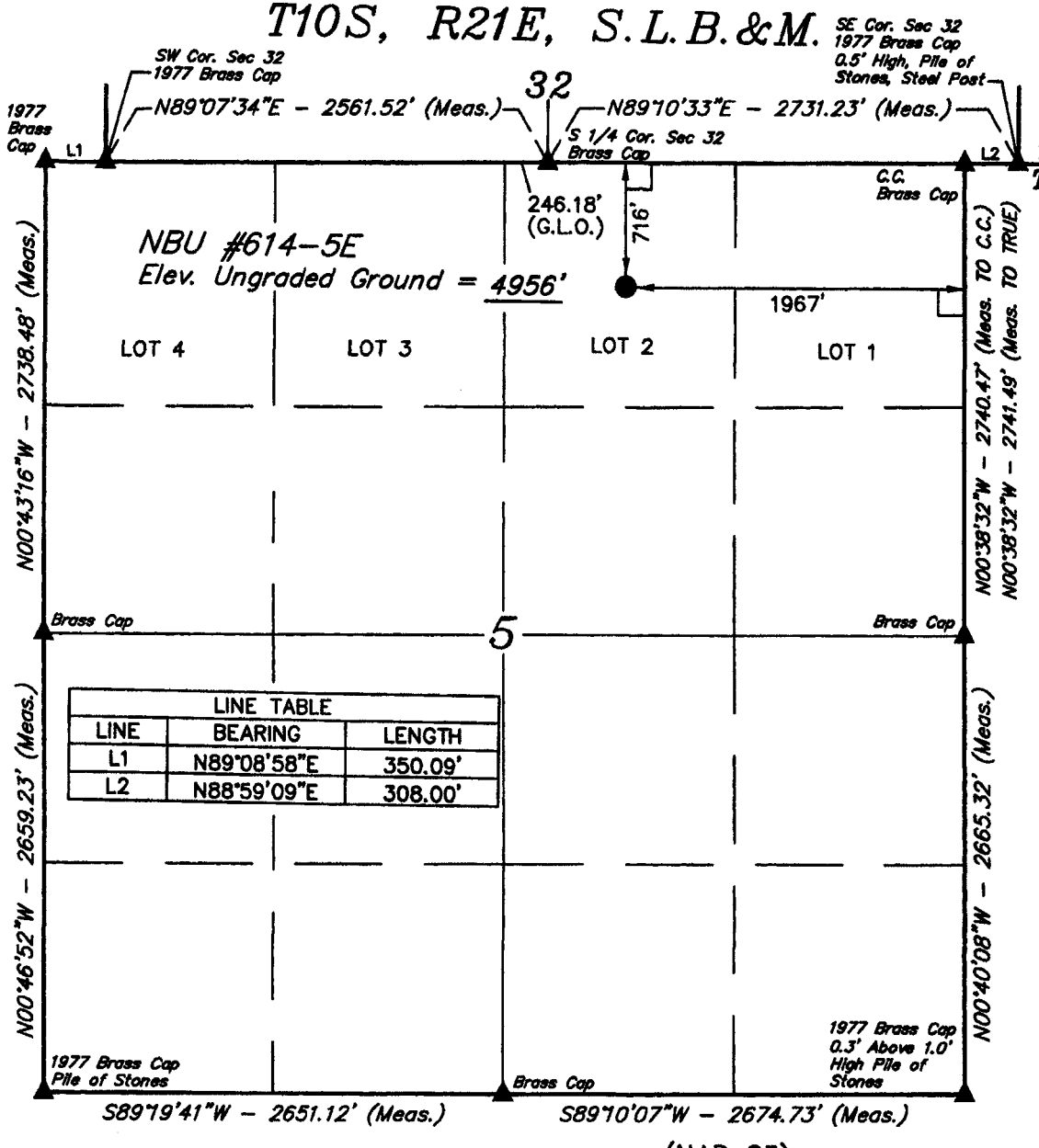
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

RECEIVED
MAY 15 2007
DIV. OF OIL, GAS & MINING

Federal Approval of this Action is Necessary

T10S, R21E, S.L.B.&M.



LINE TABLE		
LINE	BEARING	LENGTH
L1	N89°08'58"E	350.09'
L2	N88°59'09"E	308.00'

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 39°58'57.35" (39.982597)
LONGITUDE = 109°34'25.85" (109.573847)

(NAD 27)
LATITUDE = 39°58'57.48" (39.982633)
LONGITUDE = 109°34'23.37" (109.573158)

EOG RESOURCES, INC.

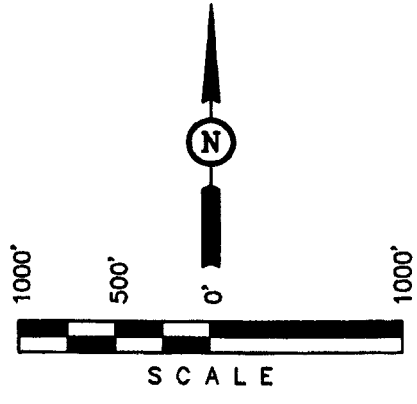
Well location, NBU #614-5E, located as shown in LOT 2 of Section 5, T10S, R21E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	03-27-07	04-13-07
PARTY: C.R. C.C. C.H.	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: EOG RESOURCES, INC.	

EIGHT POINT PLAN

NATURAL BUTTES UNIT 614-05E
NW/NE, SEC. 5, T10S, R21E, S.L.B.&M..
UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,496		Shale	
Wasatch	4,743	Primary	Sandstone	Gas
Chapita Wells	5,358	Primary	Sandstone	Gas
Buck Canyon	6,065	Primary	Sandstone	Gas
North Horn	6,682	Primary	Sandstone	Gas
KMV Price River	7,679	Primary	Sandstone	Gas
TD	**8,070**			

Estimated TD: **8,070' or 200'± below Price River top** **Anticipated BHP: 4,406 Psig**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig
BOP schematic diagrams attached.

4. CASING PROGRAM:

CASING	Hole Size	Length	Size	WEIGHT	Grade	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	17 ½"	0 – 45'	13 ⅜"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0' – 2,300' KB±	9-⅝"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-½"	11.6#	N-80	LTC	6350 PSI	7780 Psi	233,000#

Note: 12-¼" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-⅝" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 614-05E
NW/NE, SEC. 5, T10S, R21E, S.L.B.&M..
UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe
Insert Float Collar (PDC drillable)
Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

Production Hole Procedure (2300'± - TD): Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'± - TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

EIGHT POINT PLAN

NATURAL BUTTES UNIT 614-05E
NW/NE, SEC. 5, T10S, R21E, S.L.B.&M..
UINTAH COUNTY, UTAH

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following: **Cement Bond / Casing Collar Locator and Pulsed Neutron**

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: **185 sks** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% $CaCl_2$, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft^3/sk. yield, 23 gps water.

Tail: **207 sks** Class "G" cement with 2% $CaCl_2$, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft^3/sk., 5.2 gps water.

Top Out: As necessary with Class "G" cement with 2% $CaCl_2$, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft^3/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead: **140 sks:** Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft^3/sk., 24.5 gps water.

Tail: **675 sks**: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft^3/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 614-05E
NW/NE, SEC. 5, T10S, R21E, S.L.B.&M..
UINTAH COUNTY, UTAH

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):
Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

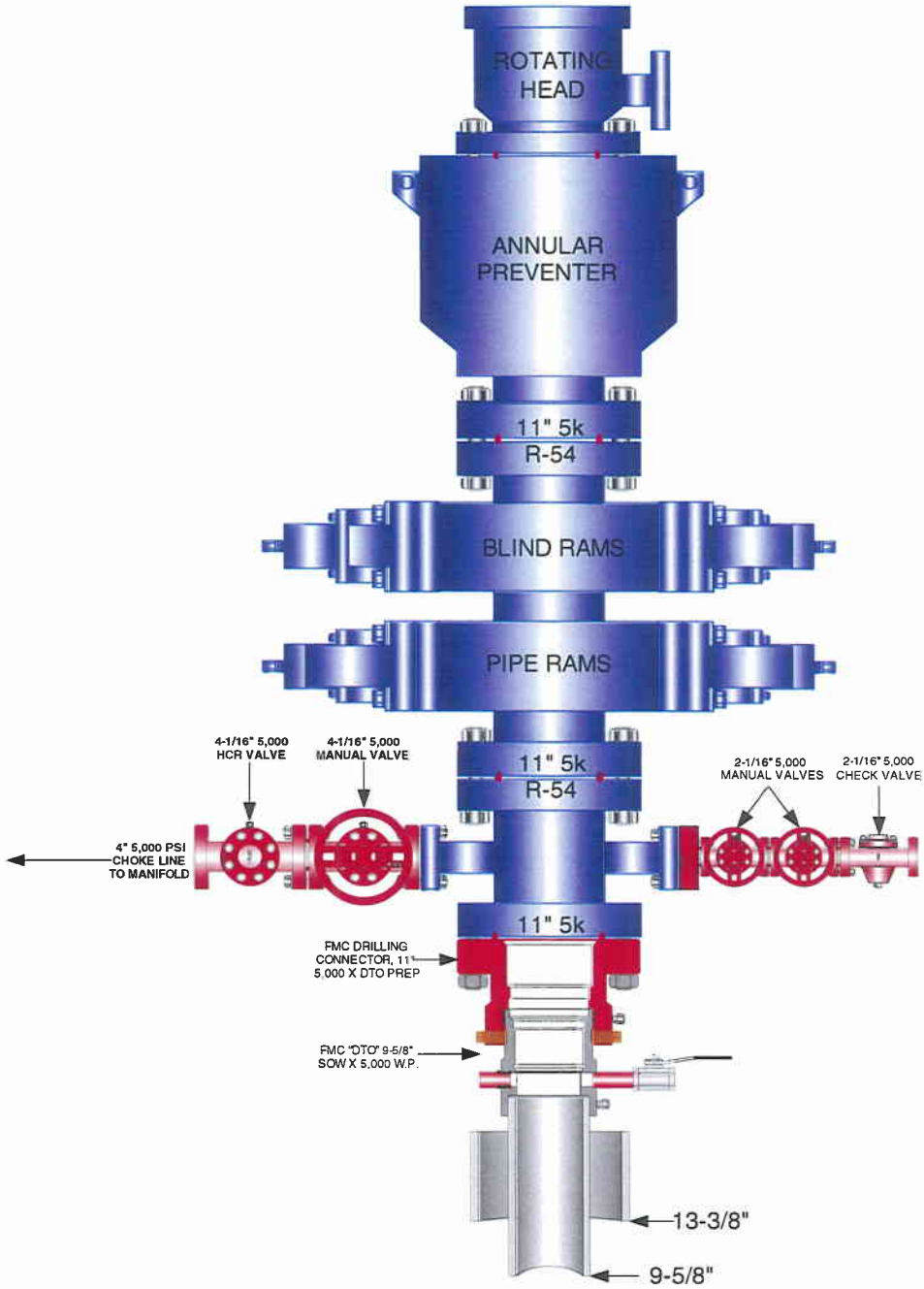
A. Choke Manifold
B. Upper and Lower Kelly Cock
C. Stabbing Valve
D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

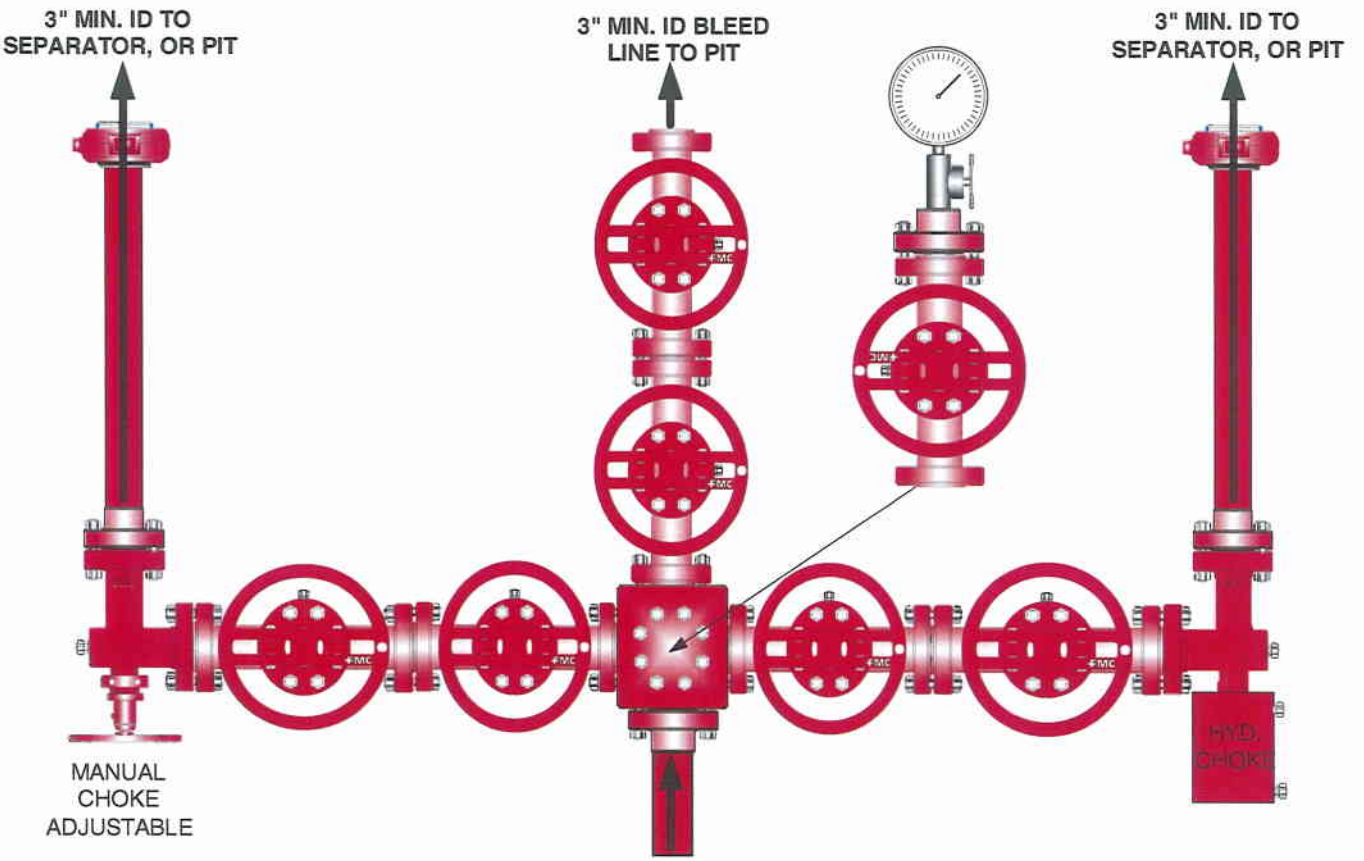
No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION



EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES



Testing Procedure:

1. BOP will be tested with a professional tester to conform to Onshore Order #2.
2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
3. Annular Preventer will be tested to 50% working pressure, 2,500 psi.
   Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

eog resources

Natural Buttes Unit 614-05E
Lot 2, Section 5, T10S, R21E
Uintah County, Utah

SURFACE USE PLAN

The well pad is approximately 375 feet long with a 261-foot width, containing 2.25 acres more or less. The well access road is approximately 350 feet long with a 40-foot right-of-way, disturbing approximately .32 acre. New surface disturbance associated with access road and the well pad is estimated to be approximately 2.57 acres. The pipeline is approximately 562 feet long with a 40-foot right-of-way, disturbing approximately .52 acre.

1. EXISTING ROADS:

A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.

B. The proposed well site is located approximately 45.0 miles south of Vernal, Utah – See attached TOPO Map "A".

C. Refer to attached Topographic Map "A" showing labeled access route to location.

D. Existing roads will be maintained and repaired as necessary.

2. PLANNED ACCESS ROAD:

A. The access road will be approximately 350' in length, with low water crossings and culverts installed as road construction dictates.

B. The access road has a 40-foot ROW w/18 foot running surface.

C. Maximum grade of the new access road will be 8 percent.

D. No turnouts will be required.

E. Road drainage crossings shall be of the typical dry creek drainage crossing type.

F. No bridges, or major cuts and fills will be required.

G. The access road will be dirt surface.

H. No gates, cattleguards, or fences will be required or encountered.

I. A 40-foot permanent right-of-way is requested. No surfacing material will be used.

J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

No off-lease right-of-way will be required. The entire length of the proposed access road is located within lease.

3. Location of Existing Wells Within a One-Mile Radius:

See attached TOPO map "C" for the location of wells within a one-mile radius.

4. Location of Existing and/or Proposed Production Facilities:

A. On Well Pad

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.

2. Gas gathering lines – A 4" gathering line will be buried from dehy to the edge of the location.

B. Off Well Pad

1. Proposed pipeline will transport natural gas.

2. The pipeline will be a permanent feeder line.

3. The length of the proposed pipeline is 562' x 40'. The proposed pipeline leaves the eastern edge of the well pad (Lease U-01393-B) proceeding in a southwesterly direction for an approximate distance of 562' tieing into a proposed pipeline for the Natural Buttes Unit 327-05E in the NWNE (Lot 2) of Section 5, T10S, R21E (Lease U-01393-B). Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.

4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface

5. Proposed pipeline will be laid on surface, **and buried at low water crossings.**

6. The proposed pipeline route begins in Lot 2 (NWNE) of section 5, township 10S, range 21E, proceeding southwesterly for an approximate distance of 562' to Lot 2 (NWNE) of section 5, township 10S, range 21E.

7. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. **All facilities will be painted with Carlsbad Canyon or Covert Green.** Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

5. LOCATION AND TYPE OF WATER SUPPLY:

A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.

B. Water will be hauled by a licensed trucking company.

C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIALS:

A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.

B. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL:

A. METHODS AND LOCATION

1. Cuttings will be confined in the reserve pit.

2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.

3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.

4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.

B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with **double felt, Polyswell, and a 16-millimeter nylon reinforced plastic liner**. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation

hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

8. *Ancillary Facilities:*

None anticipated.

9. *Well Site Layout:*

A. Refer to attached well site plat for related topography cuts and fills and cross sections.

B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.

C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the east corner of the location. The flare pit will be located downwind of the prevailing wind direction on the southeast side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpiller tractor.

Access to the well pad will be from the west.

A low water crossing will be installed on the access road to the entrance of the well pad as needed.

Corners of the well pad will be rounded off as needed to minimize excavation.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)

B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.

C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.

D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.

E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RECLAMATION OF THE SURFACE:

A. *Interim Reclamation (Producing Location)*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours – See

attached Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
HyCrest Wheatgrass	9.0
Prostrate Kochia	3.0

*Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Wyoming Big Sage	3.0
Shadscale	3.0
Needle and Threadgrass	3.0
HyCrest Wheatgrass	1.0
Scarlet Globe Mallow	1.0

*Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

12. OTHER INFORMATION:

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might

further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:

- Whether the materials appear eligible for the National Register of Historic Places;
- The mitigation measures the operator will likely have to undertake before the site can be used.
- A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.

C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and will be submitted by Montgomery Archaeological Consultants. A paleontology survey was conducted and will be submitted by Intermountain Paleo.

Additional Surface Stipulations:

No construction or drilling activities will be conducted between February 1 and July 15 due to Golden Eagle stipulations.

No construction or drilling activities will be conducted between May 15 and June 20 due to Pronghorn Antelope restrictions.

LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT
Mary A. Maestas
EOG Resources, Inc.
P.O. Box 1815
Vernal, UT 84078
(435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Natural Buttes Unit 614-05E Well, located in Lot 2 of Section 5, T10S, R21E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

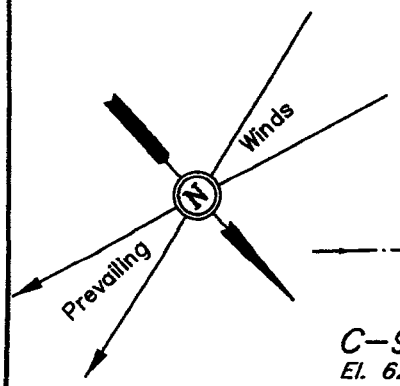
May 14, 2007
Date

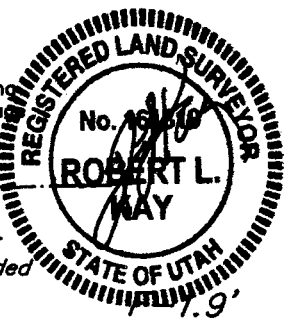
Mary A. Maestas, Regulatory Assistant

EOG RESOURCES, INC.

LOCATION LAYOUT FOR

NBU #614-5E
SECTION 5, T10S, R21E, S.L.B.&M.
716' FNL 1967' FEL





Proposed Access Road

Existing Drainage

Install Low Water Crossing as Needed

C-9.1'
El. 62.7'

F-1.9'
El. 51.7'

SCALE: 1" = 60'
DATE: 04-13-07
DRAWN BY: C.H.

Sta. 3+75

111'

C-3.1'
El. 56.7'

Round Corners as Needed

Approx. Toe of Fill Slope

Topsoil Stockpile

DATA

200'

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

Existing Drainage

CATWALK

40'

30'

Flare Pit

PIPE RACKS

Approx. Top of Cut Slope

El. 54.5'
C-0.9'

C-2.4'
El. 56.0'

El. 56.7'
C-13.1'
(Btm. Pit)

36'

DOG HOUSE

150'

Sta. 1+75

75'

MUD TANKS

RIG

WATER

TRAILER

F-4.6'
El. 49.0'

RESERVE PITS (10' Deep)

PUMP

TOILET

MUD SHED

Reserve Pit Backfill & Spoils Stockpile

15' WIDE BENCH

HOPPER

Sta. 1+00

FUEL

175'

1 1/2:1 (TYP.)

Total Pit Capacity W/2' of Freeboard = 12,820 Bbls.±
Total Pit Volume = 3,580 Cu. Yds

POWER

TOOLS

FUEL

175'

TRASH

STORAGE TANK

Sta. 0+00

El. 50.0'
C-6.4'
(Btm. Pit)

20' WIDE BENCH

F-2.6'
El. 51.0'

F-4.0'
El. 49.6'

Topsoil Stockpile

F-9.3'
El. 44.3'

Elev. Ungraded Ground at Location Stake = 4956.0'

Elev. Graded Ground at Location Stake = 4953.6'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

EOG RESOURCES, INC.

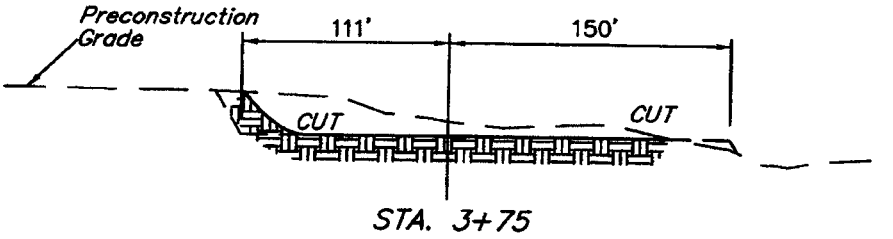
TYPICAL CROSS SECTIONS FOR

NBU #614-5E
SECTION 5, T10S, R21E, S.L.B.&M.
716' FNL 1967' FEL

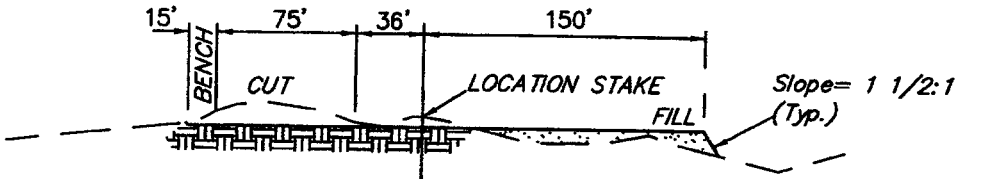
1" = 40' X-Section Scale
1" = 100'

DATE: 04-13-07
DRAWN BY: C.H.

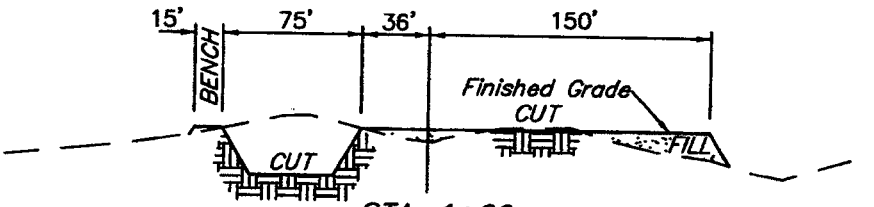
REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH



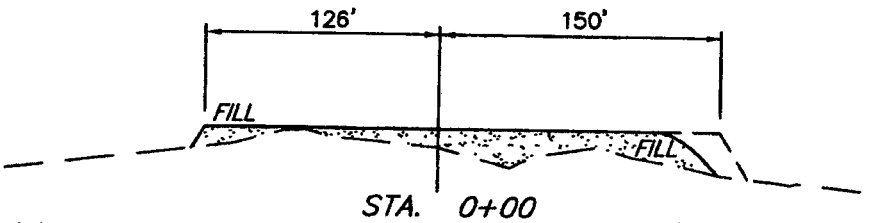
STA. 3+75



STA. 1+75



STA. 1+00



STA. 0+00

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 2,130 Cu. Yds.
Remaining Location = 8,710 Cu. Yds.
TOTAL CUT = 10,840 CU.YDS.
FILL = 6,920 CU.YDS.

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL = 3,920 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,920 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation) = 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

EOG RESOURCES, INC.

NBU #614-5E

LOCATED IN UINTAH COUNTY, UTAH
SECTION 5, T10S, R21E, S.L.B.&M.

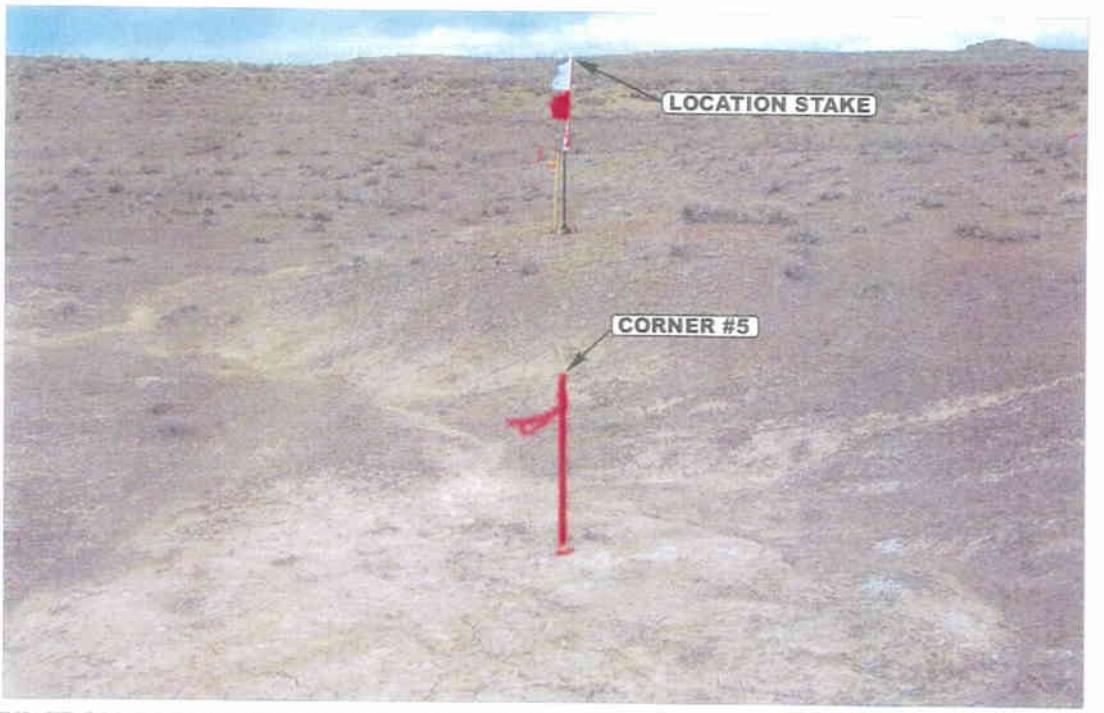


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

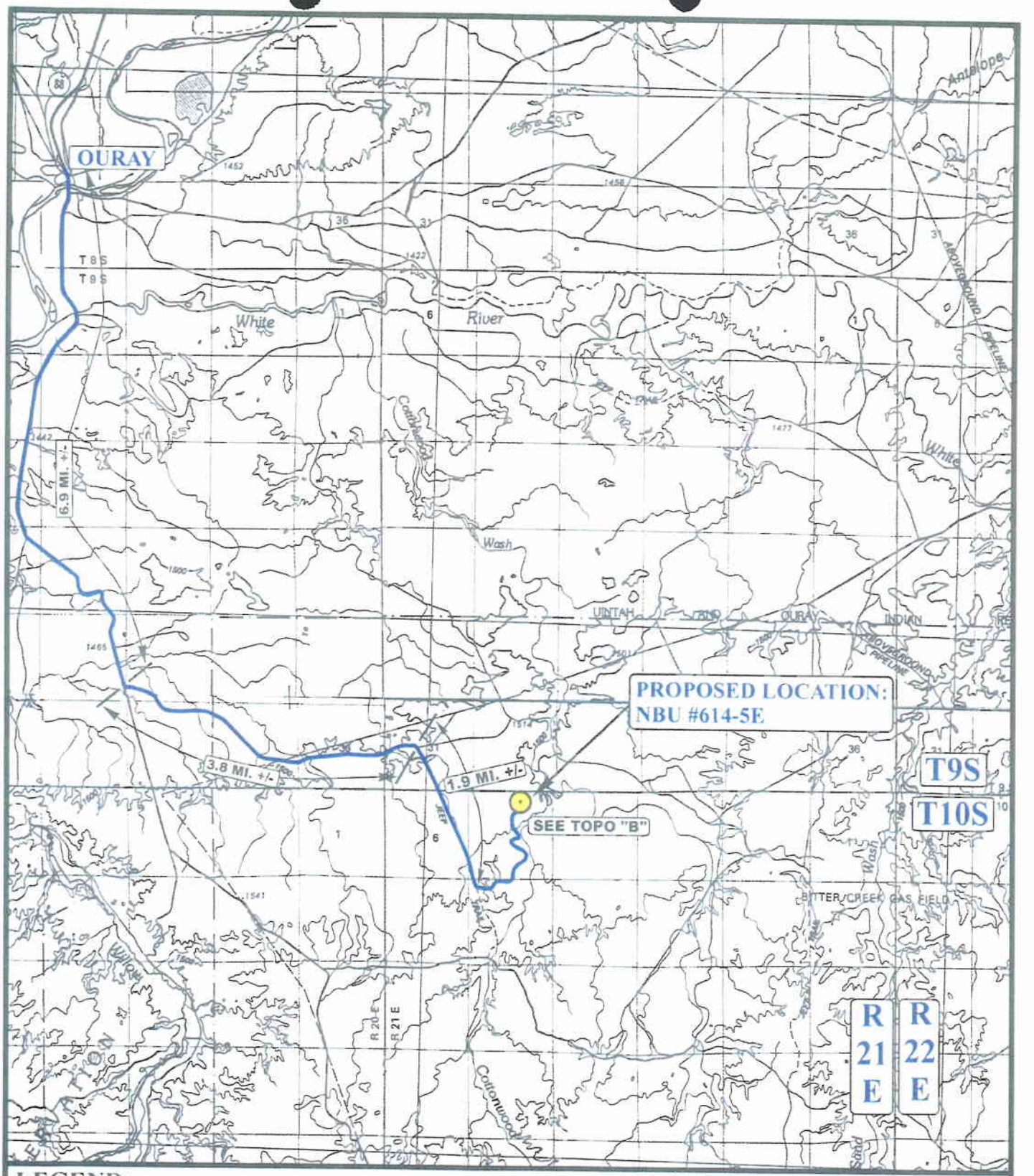
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY

Since 1964

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	04 MONTH	13 DAY	07 YEAR	PHOTO
TAKEN BY: C.R.	DRAWN BY: L.K.	REVISED: 00-00-00		



LEGEND:

PROPOSED LOCATION

N

EOG RESOURCES, INC.

NBU #614-5E

SECTION 5, T10S, R21E, S.L.B.&M.

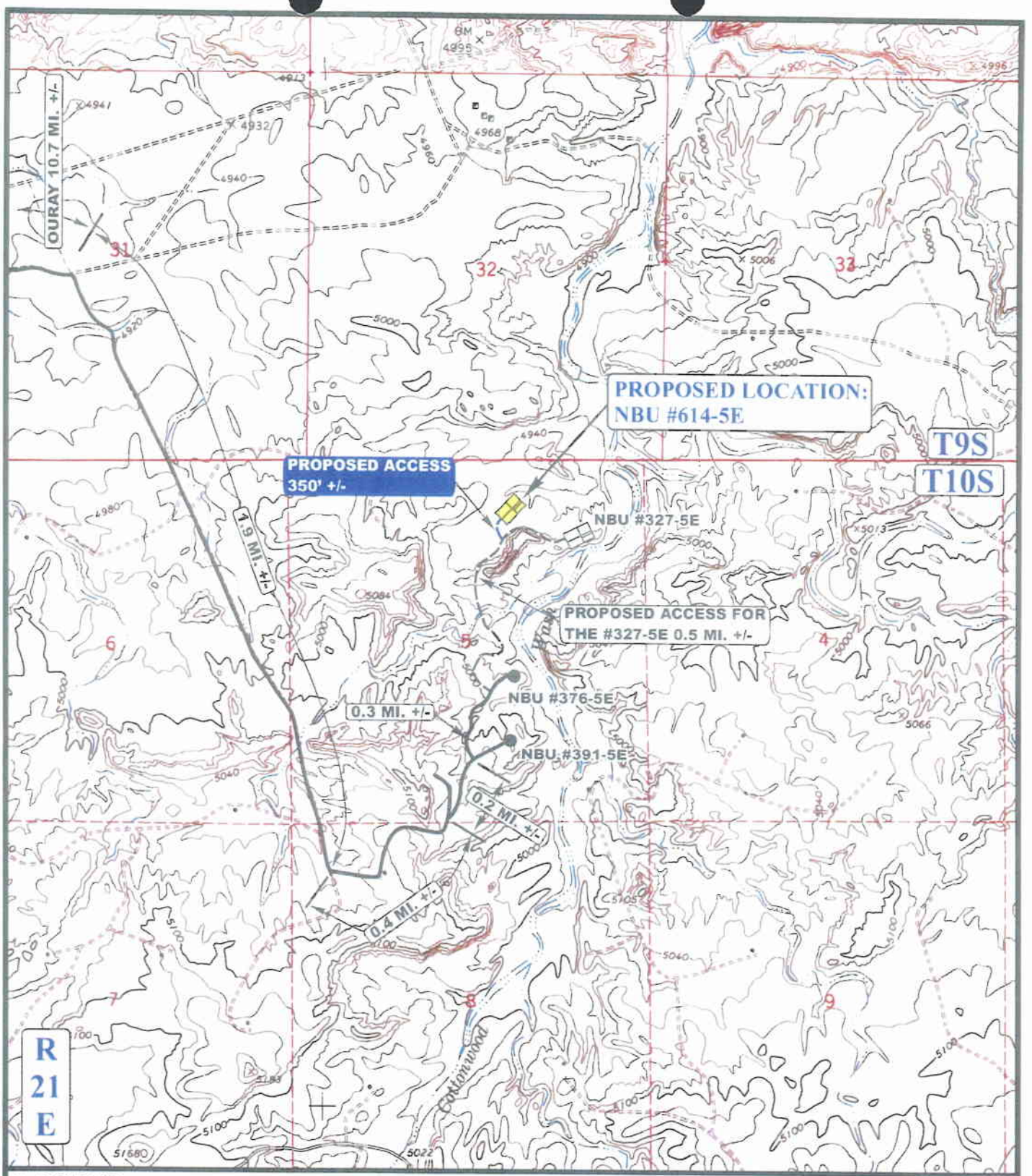
716' FNL 1966' FEL

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	13 DAY	07 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: L.K.	REVISED: 00-00-00		



LEGEND:

PROPOSED ACCESS ROAD

EXISTING ROAD

N

EOG RESOURCES, INC.

NBU #614-5E

SECTION 5, T10S, R21E, S.L.B.&M.

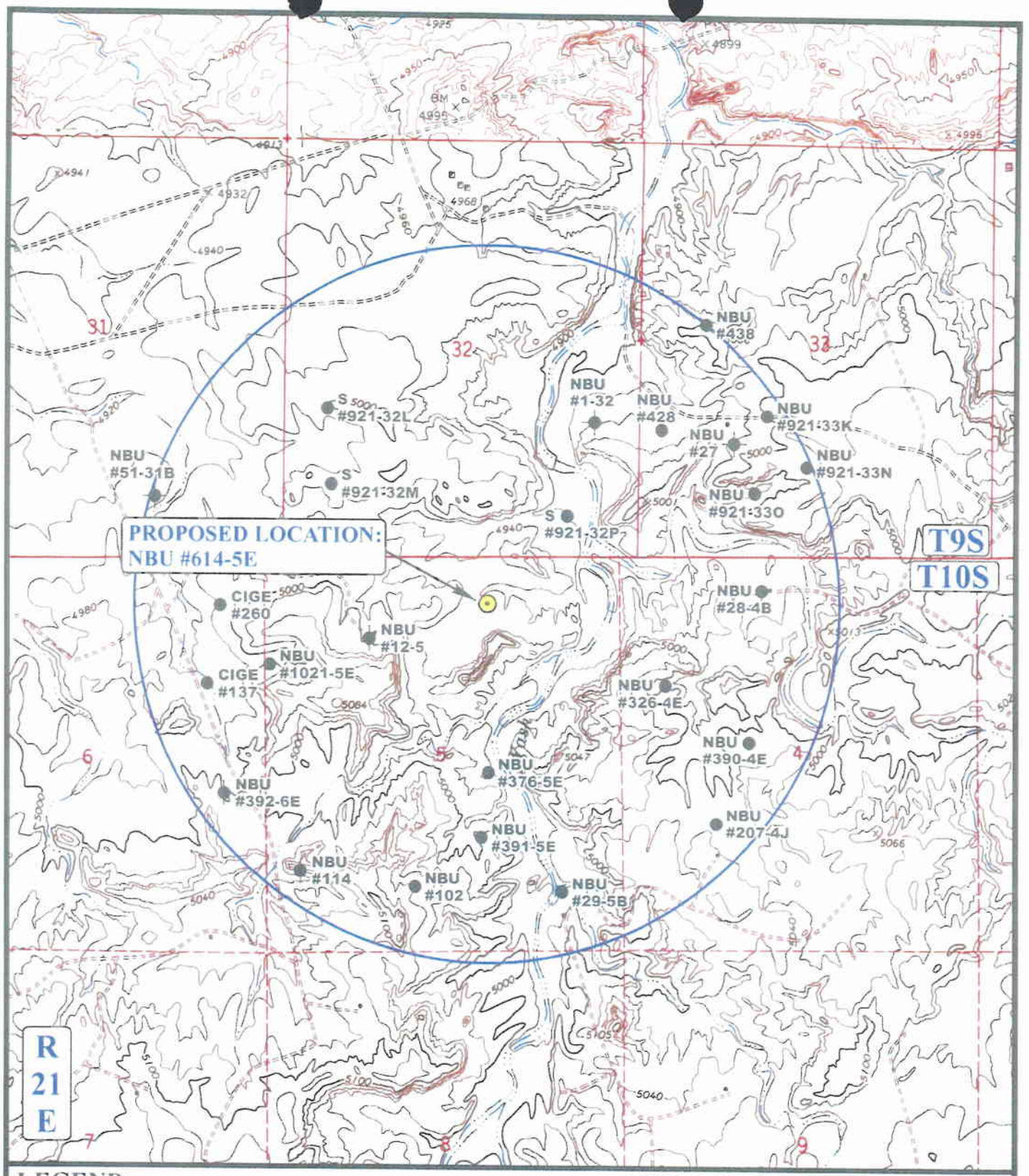
716' FNL 1967' FEL

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	13 DAY	07 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: L.K.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

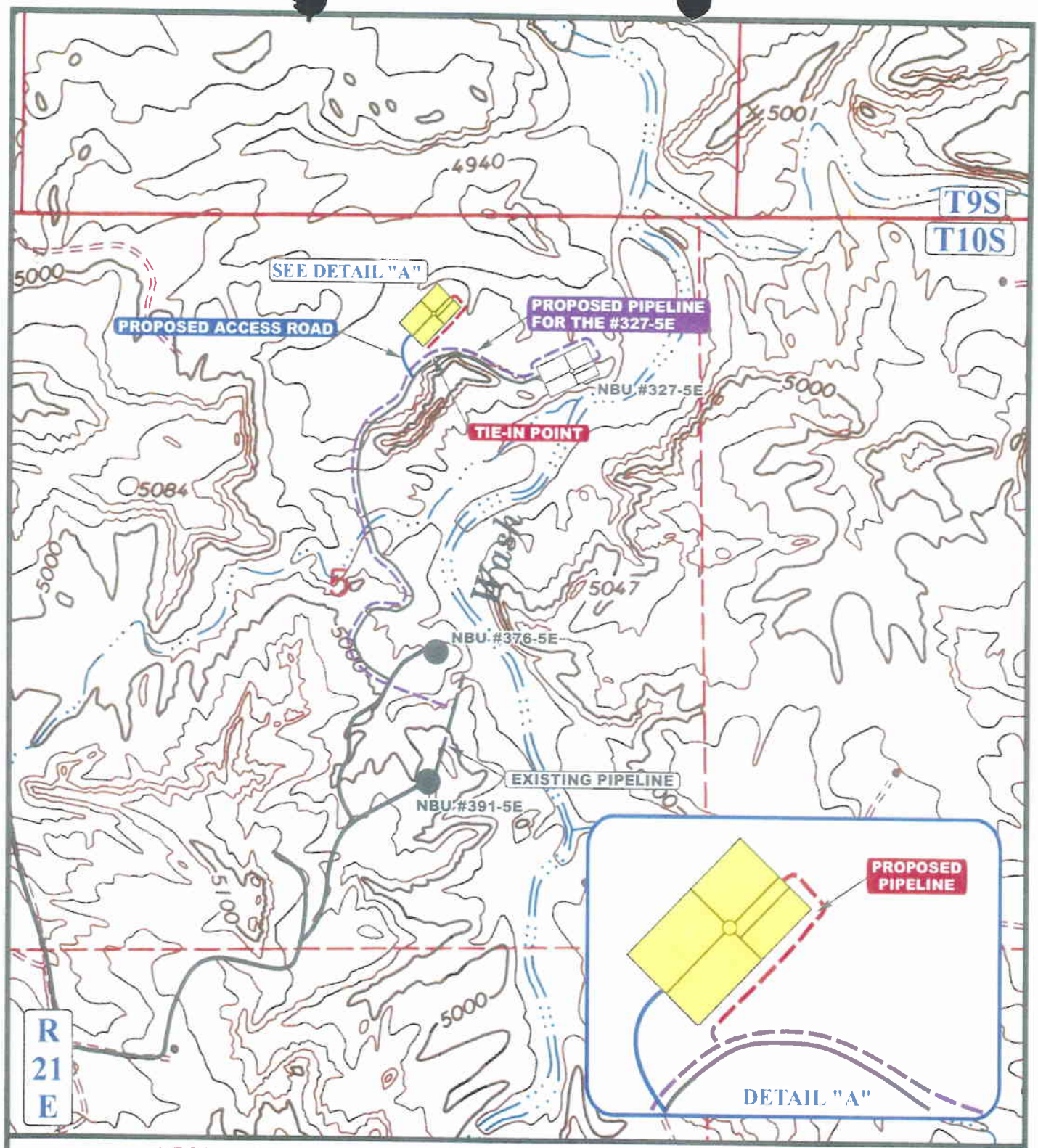
N

EOG RESOURCES, INC.

NBU #614-5E
SECTION 5, T10S, R21E, S.L.B.&M.
716' FNL 1968' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	13 DAY	07 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: L.K.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 562' +/-

LEGEND:

PROPOSED ACCESS ROAD
EXISTING PIPELINE
PROPOSED PIPELINE
PROPOSED PIPELINE (SERVICING OTHER WELLS)

N

EOG RESOURCES, INC.

NBU #614-5E
SECTION 5, T10S, R21E, S.L.B.&M.
716' FNL 1966' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	13 DAY	07 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: L.K.	REVISED: 00-00-00		

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/15/2007

API NO. ASSIGNED: 43-047-39305

WELL NAME: NBU 614-05E
OPERATOR: EOG RESOURCES INC (N9550)
CONTACT: MARY MAESTAS

PHONE NUMBER: 435-781-9111

PROPOSED LOCATION:
NWNE 05 100S 210E
SURFACE: 0716 FNL 1967 FEL
BOTTOM: 0716 FNL 1967 FEL
COUNTY: UINTAH
LATITUDE: 39.98240 LONGITUDE: -109.5731
UTM SURF EASTINGS: 621833 NORTHINGS: 4426568
FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
LEASE NUMBER: U-01393-B
SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD
COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

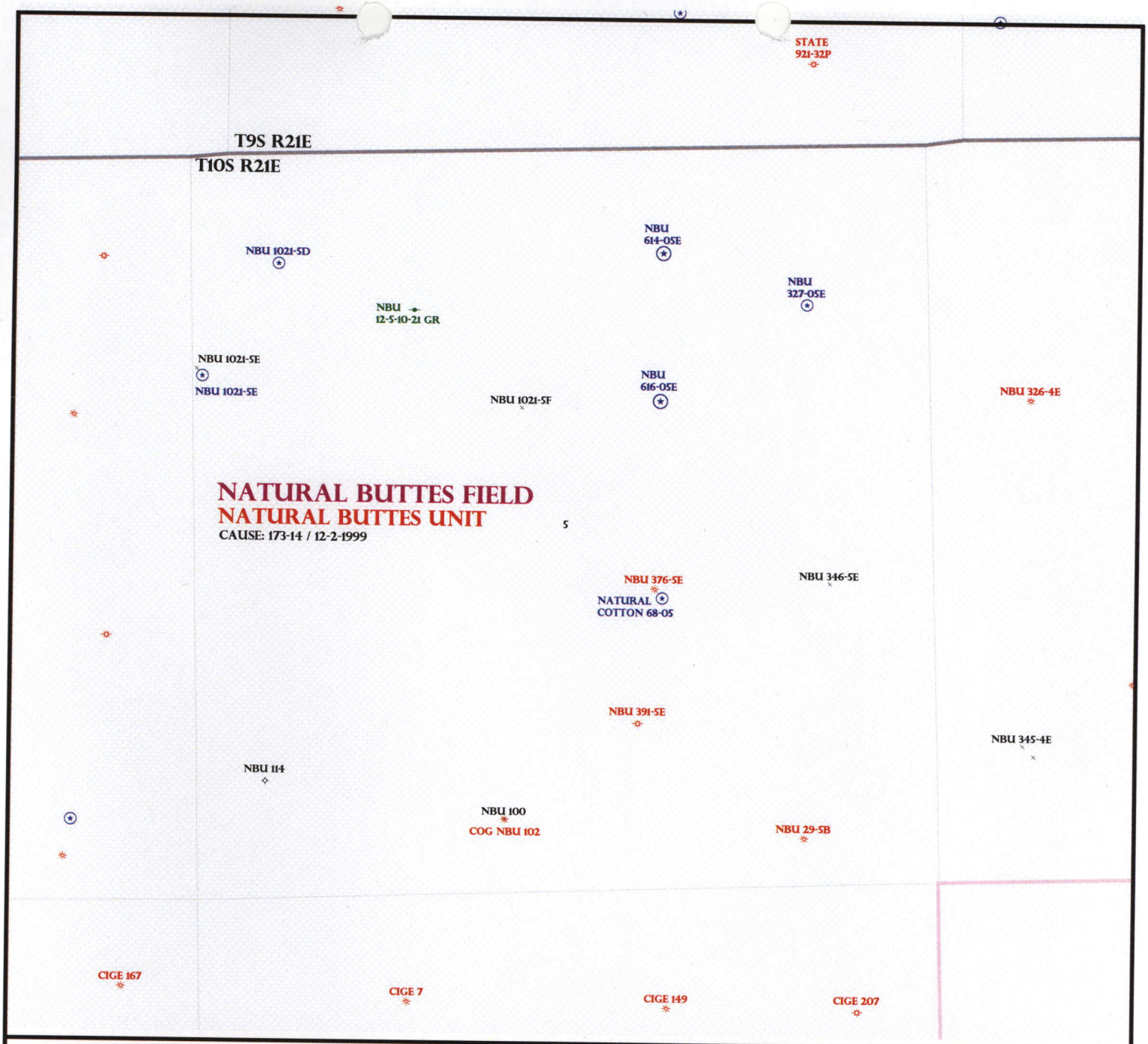
✓ Plat
✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. NM 2308)
NA Potash (Y/N)
Y Oil Shale 190-5 (B) or 190-3 or 190-13
✓ Water Permit
(No. 49-225)
N RDCC Review (Y/N)
(Date:)
NA Fee Surf Agreement (Y/N)
NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.
Unit: NATURAL BUTTES OK
___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
✓ Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-1999
Siting 460' fr u.l. drg. & unleased Tract
___ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: 1- Federal Approval
2- Oil Shale



OPERATOR: EOG RESOURCES INC (N9550)

SEC: 5 T.10S R. 21E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

Utah Oil Gas and Mining

N
W E
S

PREPARED BY: DIANA MASON
DATE: 16-MAY-2007

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

May 16, 2007

EOG Resources, Inc.
1060 East Highway 40
Vernal, UT 84078

Re: Natural Buttes Unit 614-05E Well, 716' FNL, 1967' FEL, NW NE, Sec. 5, T. 10 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39305.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

Operator: EOG Resources, Inc.

Well Name & Number Natural Buttes Unit 614-05E

API Number: 43-047-39305

Lease: U-01393-B

Location: NW NE Sec. 5 T. 10 South R. 21 East

Conditions of Approval

1. General

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

   Notify the Division with 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dustin Doucet at (801) 538-5281 office
     (801) 733-0983 home

3. Reporting Requirements

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-3
(February 2005)

RECEIVED
VERNAL FIELD OFFICE
2007 MAY 15 PM 12:30
DEPT. OF THE INTERIOR
BUREAU OF LAND MGMT.

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
U-01393-B

6. If Indian, Allotee or Tribe Name

1a. Type of work: ☑ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.
Natural Buttes Unit

1b. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other ☐ Single Zone ☑ Multiple Zone

8. Lease Name and Well No.
Natural Buttes Unit 614-05E

2. Name of Operator
EOG RESOURCES, INC

9. API Well No.
43 047 39305

3a. Address **1060 EAST HIGHWAY 40**
VERNAL, UT 84078

3b. Phone No. *(include area code)*
435-781-9111

10. Field and Pool, or Exploratory
Natural Buttes/Wasatch/Mesaverde

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface **716' FNL & 1967' FEL (NWNE) 39.982597 LAT 109.573847 LON**
At proposed prod. zone **Same**
LOT 2

11. Sec., T. R. M. or Blk. and Survey or Area
Sec. 5-T10S-R21E, S.L.B.&M.

14. Distance in miles and direction from nearest town or post office*
45.0 miles south of Vernal, UT

12. County or Parish
Uintah County

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of acres in lease	17. Spacing Unit dedicated to this well
673 Lease Line	**649**	**Suspended**
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth	20. BLM/BIA Bond No. on file
4390	**8070**	**NM2308**
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will start*	23. Estimated duration
4956 GL		**45 days**

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature	Name *(Printed/Typed)*	Date
Mary A. Maestas	**Mary A. Maestas**	5/14/2007
Title **REGULATORY ASSISTANT**		

Approved by *(Signature)*	Name *(Printed/Typed)*	Date
	Jerry Kenczka	1-28-2008
Title Assistant Field Manager Lands & Mineral Resources	Office **VERNAL FIELD OFFICE**	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

RECEIVED
FEB 01 2008
DIV. OF OIL, GAS & MINING

NOS 4/18/07
07PP1599A

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: E.O.G, Resources
Well No: NBU 614-05E
API No: 43-047-39305

Location: Lot 2 Sec. 5, T10S, R21E
Lease No: UTU-01393-B
Agreement: Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fax: (435) 781-3420	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

General Surface COAs:

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.

- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

Specific Surface COAs:

- The lessee/operator is given notice that lands in the lease have been identified as containing crucial pronghorn (antelope) habitat. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from May 15 through June 20. A survey may be conducted by a qualified biologist or a BLM representative during this timing period to determine if pronghorn are in the area.

- The lessee/operator is given notice that lands in the lease have been identified as containing golden eagle nesting habitat. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from February 1st through August 31st. A survey may be conducted by a qualified biologist or a BLM representative during this timing period to determine if golden eagles are in the area.

- As discussed on the onsite conducted on May 3, 2007 the dirt and debris will be kept out of the wash from corner 8 to 2. There will also be a low water crossing on the access road near the pad entrance. Culverts and gravel will be used as needed.

- 4 to 6 inches of topsoil shall be stripped from the location and windrowed as shown on the cut sheet. The topsoil shall then be broadcast seeded with the recommended seed mix immediately after it has been windrowed and the seed walked into the soil with a dozer.

- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.

- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.

- As discussed on 9/27/07 the Ouray Municipal Water Plant at Ouray, Utah shall not be used as a water source.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- Production casing cement shall be brought up and into the surface casing. For the production casing cementing program, operator is required to pump additional cement beyond the stated amounts in application. The minimum cement top is 200 ft above the surface casing shoe.
    - COA specification is consistent with operators performance standard stated in APD.
- A variance is granted for Onshore Order #2Drilling Operations III. E. "Blooie line Discharge 100 feet from well bore and securely anchored" Blooie line can be 75 feet.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.
    - Well name and number.
    - Well location (¼¼, Sec., Twn, Rng, and P.M.).
    - Date well was placed in a producing status (date of first production for which royalty will be paid).
    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
    - Unit agreement and/or participating area name and number, if applicable.
    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include

deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: U-01393-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME: Natural Buttes Unit

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: Natural Buttes Unit 614-05E

2. NAME OF OPERATOR: EOG Resources, Inc.

9. API NUMBER: 43-047-39305

3. ADDRESS OF OPERATOR: 1060 East Highway 40 CITY Vernal STATE UT ZIP 84078

PHONE NUMBER: (435) 781-9111

10. FIELD AND POOL, OR WILDCAT: Natural Buttes/Mesaverde

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 716' FNL & 1967 FEL 39.982597 LAT 109.573847 LON

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 5 10S 21E S.L.B. & M.

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: APD EXTENSION REQUEST
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc. respectfully requests the APD for the referenced well be extended for one year.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 05-20-08

By:

COPY SENT TO OPERATOR

Date: 5·21·2008

Initials: KS

NAME (PLEASE PRINT) Kaylene R. Gardner TITLE Lead Regulatory Assistant

SIGNATURE DATE 5/19/2008

(This space for State use only)

RECEIVED
MAY 16 2008
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

[redacted]

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-39305
Well Name: Natural Buttes Unit 614-05E
Location: 716 FNL 1967 FEL (NWNE), Section 5, T10S, R21E S.L.B.&M.
Company Permit Issued to: EOG Resources, Inc.
Date Original Permit Issued: 5/16/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes☐ No☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐ No☑

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes☐ No☑

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes☐ No☑

Has the approved source of water for drilling changed? Yes☐ No☑

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes☐ No☑

Is bonding still in place, which covers this proposed well? Yes☑ No☐

Signature

5/9/2008
Date

Title: Lead Regulatory Assistant

Representing: EOG Resources, Inc.

RECEIVED
MAY 16 2008
DIV. OF OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **EOG RESOURCE INC**

Well Name: **NBU 614-05E**

Api No: **43-047-39305** Lease Type: **FEDERAL**

Section **05** Township **10S** Range **21E** County **UINTAH**

Drilling Contractor **ROCKY MOUNTAIN DRLG** RIG # **RATHOLE**

SPUDDED:

Date **09/04/08**

Time **1:30 PM**

How **DRY**

Drilling will Commence:

Reported by **JERRY BARNES**

Telephone # **(435) 828-1720**

Date **09/08/08** **Signed** **CHD**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: EOG RESOURCES
Operator Account Number: N 9550
Address: 1060 East Highway 40
city VERNAL
state UT zip 84078
Phone Number: (435) 781-9145

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-047-39305	NATURAL BUTTES UNIT 614-05E	NWNE	5	10S	21E	UINTAH

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date
A B	99999	2900	9/4/2008	9/25/08

Comments: WASATCH/MESAVERDE WELL

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-047-39303	NATURAL BUTTES UNIT 327-05E	NENE	5	10S	21E	UINTAH

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date
A B	99999	2900	9/4/2008	9/25/08

Comments: WASATCH/MESAVERDE WELL

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-047-39984	CHAPITA WELLS UNIT 1361-25	NWSW	25	9S	22E	UINTAH

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date
A B	99999	13650	9/6/2008	9/25/08

Comments: MESAVERDE WELL

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Mickenzie Thacker
Name (Please Print)
Mickenzie Thacker
Signature
Operations Clerk
Title
9/9/2008
Date

(5/2000)

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SEP 09 2008
DIV. OF OIL, GAS & MINING

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
UTU01393B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NATURAL BUTTES

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
NATURAL BUTTES UNIT 614-05E

2. Name of Operator
EOG RESOURCES, INC.
Contact: MICKENZIE THACKER
E-Mail: MICKENZIE_THACKER@EOGRESOURCES.COM

9. API Well No.
43-047-39305

3a. Address
1060 E. HWY 40
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 453-781-9145

10. Field and Pool, or Exploratory
NATURAL BUTTES

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 5 T10S R21E NWNE 716FNL 1967FEL
39.98260 N Lat, 109.57385 W Lon

11. County or Parish, and State
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Production Start-up
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The referenced well was turned to sales on 1/15/2009. Please see the attached operations summary report for drilling and completion operations performed on the subject well.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #66477 verified by the BLM Well Information System
For EOG RESOURCES, INC., sent to the Vernal

Name *(Printed/Typed)* MICKENZIE THACKER — Title OPERATIONS CLERK

Signature (Electronic Submission) — Date 01/20/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED**

RECEIVED
JAN 22 2009
DIV. OF OIL, GAS & MINING

WELL CHRONOLOGY REPORT

Report Generated On: 01-16-2009

Well Name	NBU 614-05E	**Well Type**	DEVG	**Division**	DENVER
Field	NATURAL BUTTES	**API #**	43-047-39305	**Well Class**	1SA
County, State	UINTAH, UT	**Spud Date**	11-29-2008	**Class Date**	01-15-2009
Tax Credit	N	**TVD / MD**	8,070/ 8,070	**Property #**	061322
Water Depth	0	**Last CSG**	0.0	**Shoe TVD / MD**	7,307/ 7,307
KB / GL Elev	4,967/ 4,954				
Location	Section 5, T10S, R21E, NWNE, 716 FNL & 1967 FEL.				

Event No	1.0	**Description**	DRILL & COMPLETE		
Operator	EOG RESOURCES, INC	**WI %**	66.67	**NRI %**	49.395

AFE No	304594	**AFE Total**	1,510,000	**DHC / CWC**	780,100/ 729,900		
Rig Contr	ELENBURG	**Rig Name**	ELENBURG # 28	**Start Date**	05-14-2008	**Release Date**	12-05-2008
Rig Contr	ELENBURG	**Rig Name**	ELENBURG #28	**Start Date**	05-14-2008	**Release Date**	

05-14-2007 **Reported By** SHARON CAUDILL

DailyCosts: Drilling	$0	**Completion**	$0	**Daily Total**	$0
Cum Costs: Drilling	$0	**Completion**	$0	**Well Total**	$0

MD	0	**TVD**	0	**Progress**	0	**Days**	0	**MW**	0.0	**Visc**	0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: LOCATION DATA

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA 716' FNL & 1967' FEL (NW/NE) SECTION 5, T10S, R21E UINTAH COUNTY, UTAH LAT 39.982633, LONG 109.573158 (NAD 27) LAT 39.982597, LONG 109.573847 (NAD 83) ELENBURG #28 OBJECTIVE: 8070' TD, MESAVERDE DW/GAS NATURAL BUTTES PROSPECT DD&A: NATURAL BUTTES NATURAL BUTTES FIELD LEASE: U-01393-B ELEVATION: 4956.0' NAT GL, 4953.6' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 4954'), 4967' KB (13') EOG WI 66.67%, NRI 49.394976%

08-18-2008 **Reported By** TERRY CSERE

DailyCosts: Drilling	$38,000	**Completion**	$0	**Daily Total**	$38,000
Cum Costs: Drilling	$38,000	**Completion**	$0	**Well Total**	$38,000

MD	0	**TVD**	0	**Progress**	0	**Days**	0	**MW**	0.0 **Visc** 0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION STARTED.

08-19-2008 **Reported By** TERRY CSERE

DailyCosts: Drilling	$0	**Completion**	$0	**Daily Total**	$0
Cum Costs: Drilling	$38,000	**Completion**	$0	**Well Total**	$38,000

MD	0	**TVD**	0	**Progress**	0	**Days**	0	**MW**	0.0 **Visc** 0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PUSHING IN ROAD.

08-20-2008 **Reported By** TERRY CSERE

DailyCosts: Drilling	$0	**Completion**	$0	**Daily Total**	$0
Cum Costs: Drilling	$38,000	**Completion**	$0	**Well Total**	$38,000

MD	0	**TVD**	0	**Progress**	0	**Days**	0	**MW**	0.0 **Visc** 0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 10% COMPLETE.

08-21-2008 **Reported By** TERRY CSERE

DailyCosts: Drilling	$0	**Completion**	$0	**Daily Total**	$0
Cum Costs: Drilling	$38,000	**Completion**	$0	**Well Total**	$38,000

MD	0	**TVD**	0	**Progress**	0	**Days**	0	**MW**	0.0 **Visc** 0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 15% COMPLETE

08-22-2008 **Reported By** TERRY CSERE

DailyCosts: Drilling	$0	**Completion**	$0	**Daily Total**	$0
Cum Costs: Drilling	$38,000	**Completion**	$0	**Well Total**	$38,000

MD	0	**TVD**	0	**Progress**	0	**Days**	0	**MW**	0.0 **Visc** 0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 25% COMPLETE.

08-25-2008 **Reported By** TERRY CSERE

DailyCosts: Drilling	$0	**Completion**	$0	**Daily Total**	$0
Cum Costs: Drilling	$38,000	**Completion**	$0	**Well Total**	$38,000

MD	0	**TVD**	0	**Progress**	0	**Days**	0	**MW**	0.0 **Visc** 0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	ROCKED OUT. DRILLING ROCK.

08-26-2008 **Reported By** TERRY CSERE

DailyCosts: Drilling	$0	**Completion**	$0	**Daily Total**	$0
Cum Costs: Drilling	$38,000	**Completion**	$0	**Well Total**	$38,000

MD	0	**TVD**	0	**Progress**	0	**Days**	0	**MW**	0.0 **Visc** 0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	DRILLING ROCK.

08-27-2008 **Reported By** TERRY CSERE

DailyCosts: Drilling	$0	**Completion**	$0	**Daily Total**	$0
Cum Costs: Drilling	$38,000	**Completion**	$0	**Well Total**	$38,000

MD	0	**TVD**	0	**Progress**	0	**Days**	0	**MW**	0.0 **Visc** 0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: LOCATION BUILD

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SHOOT TOMORROW.

08-28-2008 **Reported By** TERRY CSERE

DailyCosts: Drilling	$0	**Completion**	$0	**Daily Total**	$0
Cum Costs: Drilling	$38,000	**Completion**	$0	**Well Total**	$38,000

MD	0	**TVD**	0	**Progress**	0	**Days**	0	**MW**	0.0 **Visc** 0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SHOOTING TODAY.

08-29-2008 **Reported By** TERRY CSERE

DailyCosts: Drilling	$0	**Completion**	$0	**Daily Total**	$0
Cum Costs: Drilling	$38,000	**Completion**	$0	**Well Total**	$38,000

MD	0	**TVD**	0	**Progress**	0	**Days**	0	**MW**	0.0 **Visc** 0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: LOCATION BUILD

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PUSHING OUT PIT.

09-02-2008 **Reported By** TERRY CSERE

DailyCosts: Drilling	$0	**Completion**	$0	**Daily Total**	$0
Cum Costs: Drilling	$38,000	**Completion**	$0	**Well Total**	$38,000

MD	0	**TVD**	0	**Progress**	0	**Days**	0	**MW**	0.0	**Visc**	0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PUSHING OUT PIT.

09-03-2008 **Reported By** TERRY CSERE

DailyCosts: Drilling	$0	**Completion**	$0	**Daily Total**	$0
Cum Costs: Drilling	$38,000	**Completion**	$0	**Well Total**	$38,000

MD	0	**TVD**	0	**Progress**	0	**Days**	0	**MW**	0.0	**Visc**	0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PUSHING OUT PIT.

09-04-2008 **Reported By** TERRY CSERE

DailyCosts: Drilling	$0	**Completion**	$0	**Daily Total**	$0
Cum Costs: Drilling	$38,000	**Completion**	$0	**Well Total**	$38,000

MD	0	**TVD**	0	**Progress**	0	**Days**	0	**MW**	0.0	**Visc**	0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LINE TODAY.

09-05-2008 **Reported By** TERRY CSERE/ JERRY BARNES

DailyCosts: Drilling	$0	**Completion**	$0	**Daily Total**	$0
Cum Costs: Drilling	$38,000	**Completion**	$0	**Well Total**	$38,000

MD	60	**TVD**	60	**Progress**	0	**Days**	0	**MW**	0.0	**Visc**	0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: LOCATION COMPLETE -- SPUD NOTIFICATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION COMPLETE. ROCKY MOUNTAIN DRILLING SPUD A 20" HOLE ON 09/04/08 @ 1:30 P.M., SET 60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. JERRY BARNES NOTIFIED CAROL DANIELS W/UDOGM AND MICHAEL LEE W/BLM OF THE SPUD 09/04/08 @ 12:30 P.M.

09-13-2008 **Reported By** BRIAN ROW

DailyCosts: Drilling	$263,187	**Completion**	$0	**Daily Total**	$263,187
Cum Costs: Drilling	$301,187	**Completion**	$0	**Well Total**	$301,187

MD	2,428	**TVD**	2,428	**Progress**	0	**Days**	0	**MW**	0.0	**Visc**	0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: WORT

Start	End	Hrs	Activity Description

06:00	06:00	24.0	MIRU CRAIG'S AIR RIG # 3 ON 9/8/2008. DRILLED 12-1/4" HOLE TO 2415' GL (2428'). FLUID DRILLED HOLE FROM 1400' WITH NO LOSSES. RAN 59 JTS (2369.60') OF 9-5/8", 36.0#, J-55, LT&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2382' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO CRAIGS RIG. MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 4000 PSIG. PUMPED 190 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 200 SX (146 BBLS) OF PREMIUM LEAD CEMENT W/0.2% VARASET, 2% CALSEAL, & 2% EX-1. MIXED LEAD CEMENT @ 10.5 PPG W/YIELD OF 4.10 CF/SX. TAILED IN W/300 SX (63 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED TAIL CEMENT TO 15.6 W/YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/180 BBLS FRESH WATER. BUMPED PLUG W/560# @ 4:25 P.M, 9/11/2008. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. BROKE CIRCULATION 24 BBLS INTO FRESH WATER FLUSH. CIRCULATED 10 BBLS LEAD CEMENT TO PIT. CEMENT STAYED AT SURFACE WHEN PLUG BUMPED. TOP JOB # 1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT w/ 2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE CIRCULATED APPROXIMATELY 18 BBL CEMENT TO PIT. HOLE STOOD FULL WHEN PUMPING STOPPED. PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY. CRAIGS RIG 3 TOOK SURVEYS WHILE DRILLING AT 1400' - 1.5 DEGREE AND AT 2415' - 1.75 DEGREE. CONDUCTOR LEVEL RECORD: PS= 89.9 OPS= 89.9 VDS= 89.9 MS= 89.9. 9 5/8 CASING LEVEL RECORD: PS= 90.0 OPS= 90.0 VDS= 89.9 MS= 89.9. BRIAN ROW NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON 9/10/2008 @ 7:00 AM.

11-28-2008 **Reported By** DAVID FOREMAN

DailyCosts: Drilling	$8,067	**Completion**	$0	**Daily Total**	$8,067
Cum Costs: Drilling	$309,254	**Completion**	$0	**Well Total**	$309,254

MD	2,428	**TVD**	2,428	**Progress**	0	**Days**	0	**MW**	0.0	**Visc**	0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: MIRU

Start	End	Hrs	Activity Description
06:00	06:00	24.0	RIG MAINTENANCE, SERVICE MOTORS & PUMPS, CLEAN RIG, CHG. OUT DESANDER & DESILTER CENTRIFUGAL. W/O/TRUCKS HOWCROFT RIG MOVE @ 07:00 11-28-08

11-29-2008 **Reported By** DAVID FOREMAN

DailyCosts: Drilling	$71,815	**Completion**	$0	**Daily Total**	$71,815
Cum Costs: Drilling	$381,069	**Completion**	$0	**Well Total**	$381,069

MD	2,438	**TVD**	2,438	**Progress**	10	**Days**	0	**MW**	0.0	**Visc**	0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: PREPARE TO SPUD

Start	End	Hrs	Activity Description
06:00	07:00	1.0	RIG DOWN LIGHTING,SAFETY MEETING W/ HOWCROFT TRUCKING & RIG CREW.

07:00	15:30	8.5	RIG DOWN INSTAL NIGHT CAP, MOVE 19.6 MILES TO NBU 614-5E W/ HOWCROFT RIG UP SET BOP TEST DTO HEAD TO 5000 PSI. W/ FMC LOCK DOWN BOP. RAISE DERRICK SPOT TANKS,PUMPS,GROUND SUPPORT, CONT TO RIG UP TRUCKS OFF LOCATION @ 15:30.
			(NOTIFIED BLM VERNAL BY E-MAIL 11/27/08 FOR BOP TEST WELL NBU 614-5E)
15:30	18:00	2.5	RIG UP MUD TANKS, STEAM LINES & WINTERIZEING.
18:00	21:00	3.0	NIPPLE UP BOP, ROT.HEAD, CHOKE LINE, KILL LINE VALVES, HYD. HOSES, FUNCTION TEST BOP.
			RIG ON DAY WORK @ 18:00 HRS, 11/28/08.
21:00	01:30	4.5	RIG UP B&C QUICK TEST,& TEST BOP.PIPE RAMS,BLIND RAMS,ALL KILL LINE VALVES,CHOCK LINE & MANIFOLD,HCR,KELLY UPPER & LOWER KELLY VALVES,SAFETY VALVE,DART VALVE,ALL TO 250
			PSI LOW & 5000 PSI HIGH, ANNULAR 250 PSI LOW 2500 HIGH, SURFACE CSG.1500 PSI GOOD TEST.
			WITNESS JOHN SIDWELL B&C QUICK TEST,
01:30	04:00	2.5	MAKE UP MOTOR, BIT, TEST MOTOR, TRIP IN BHA & DRILL PIPE TAG 2350' L/D TAG JT. INSTALL ROT. RUBBER CIRC.
04:00	05:00	1.0	CUT DRILLING LINE 30'.
05:00	06:00	1.0	DRILL CEMENT/FLOAT EQUIP.F/ 2350' TO 2438' 10' FORMATION.
			BOILER 13 HRS.
			MUD LOSS LAST 24 HRS. 0 BBLS.
			MUD WT. 8.9 VIS.29.
			ACCIDENTS NONE REPORTED.
			FUNCTION TEST CROWN-O-MATIC.
			SAFETY MEETING: RIG MOVE, NIPPLE UP
			CREWS FULL.
			FUEL ON HAND: 8728 GALS. USED 772 GALS, RECIEVED 8000 GALS.
			FORMATION TOP: GREEN RIVER
			GAS BG. U, CONN U.
			LITHOLOGY, SAND/ SHALE %
			MUD LOGGER UNMANNED UNIT ON LOCATION F/ 11/28/08.= 1 DAYS.

11-30-2008 **Reported By** DAVID FOREMAN

DailyCosts: Drilling	$69,861	**Completion**	$0	**Daily Total**	$69,861
Cum Costs: Drilling	$450,930	**Completion**	$0	**Well Total**	$450,930

MD	4,890	**TVD**	4,890	**Progress**	2,452	**Days**	1	**MW**	8.7	**Visc**	28.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: DRILLING @ 4890'

Start	End	Hrs	Activity Description
06:00	06:30	0.5	PERFORMED FIT WITH 8.8 WT.280PSI @ 2397' EMW 11. GOOD TEST.
06:30	15:30	9.0	DRILL ROTATE F/ 2438' TO 3441'1003' ROP 111.4 WOB 16/18 RPM 45/50 DIFF. 300/375.
15:30	16:00	0.5	SURVEY @ 3313' 2*
16:00	16:30	0.5	SERVICE RIG
16:30	03:30	11.0	DRILL ROTATE F/ 3441' TO 4664' 1223 ' ROP 111.1' WOB 16/18 RPM 63/44 DIFF. 255/365.
03:30	04:00	0.5	SURVEY @ 4580' 1 3/4*
04:00	06:00	2.0	DRILL ROTATE F/ 4644' TO 4890' 246' ROP 123' WOB 10/18 RPM 63/44 DIFF. 300/355
			BOILER 24 HRS.
			ROT.WT.108, P/U 110, S/O 105.
			MUD LOSS LAST 24 HRS. 0 BBLS.
			MUD WT. 9.5 VIS.30.

ACCIDENTS NONE REPORTED.
FUNCTION TEST CROWN-O-MATIC.
SAFETY MEETING: HOUSEKEEPING / COMMECTIONS.
CREWS FULL.
FUEL ON HAND: 7316 GALS. USED 1412 GALS, RECIEVED 0 GALS.
FORMATION TOP: PRICE RIVER
GAS BG. 475 U, CONN 1230 U.
LITHOLOGY, SAND/ SHALE
MUD LOGGER UNMANNED UNIT ON LOCATION F/ 11/28/08.= 2 DAYS.

06:00 SPUD A 7 7/8" HOLE WITH ROTARY TOOL @ 06:00 HRS, 11/29/08.

12-01-2008 **Reported By** DAVID FOREMAN

DailyCosts: Drilling	$31,630	**Completion**	$0	**Daily Total**	$31,630
Cum Costs: Drilling	$482,561	**Completion**	$0	**Well Total**	$482,561

MD	6,204	**TVD**	6,204	**Progress**	1,314	**Days**	2	**MW**	9.5	**Visc**	34.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: DRILLING @ 6204'

Start	End	Hrs	Activity Description
06:00	07:30	1.5	DRILL ROTATE F/ 4890' TO 5071' 181' ROP 120.6 WOB 16/20 RPM 63/40 DIFF. 275/355.
			LOCATED DAMAGED DRILL LINE, STRANDED. LAY DOWN ONE JT. SET STRING ON RAIL STOPS. CIRC. AND ROTATE.
07:30	08:30	1.0	CUT DRILL LINE 393'.
08:30	06:00	21.5	DRILL ROTATE F/ 5071' TO 6204' 1133' ROP 52.6 WOB 18/20 RPM 63/45 DIFF. 95/270.
			BOILER 24 HRS.
			ROT.WT.122, P/U 125, S/O 118.
			MUD LOSS LAST 24 HRS. 0 BBLS.
			MUD WT. 10 VIS.34.
			ACCIDENTS NONE REPORTED.
			FUNCTION TEST CROWN-O-MATIC.
			SAFETY MEETING: HAND PROTECTION : FORK LIFT.
			CREWS FULL.
			FUEL ON HAND: 4942 GALS. USED 2374 GALS, 1000 GALS. TO BOILER 275 GALS. IN MUD SYSTEM. RECIEVED 0 GALS.
			FORMATION TOP: BUCK CANYON.
			GAS BG. 95 U, CONN 875 U.
			LITHOLOGY, SAND/ SHALE
			MUD LOGGER UNMANNED UNIT ON LOCATION F/ 11/28/08.= 3 DAYS.

12-02-2008 **Reported By** DAVID FOREMAN

DailyCosts: Drilling	$36,704	**Completion**	$0	**Daily Total**	$36,704
Cum Costs: Drilling	$519,265	**Completion**	$0	**Well Total**	$519,265

MD	7,112	**TVD**	7,112	**Progress**	908	**Days**	3	**MW**	10.0	**Visc**	37.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: DRILLING @ 7112'

Start	End	Hrs	Activity Description
06:00	15:30	9.5	DRILL ROTATE F/ 6204' TO 6475' 271' ROP 28.5 WOB 19/21 RPM 63/40 DIFF. 98/175.
15:30	16:00	0.5	SERVICE RIG
16:00	06:00	14.0	DRILL ROTATE F/ 6475' TO 7112' 637' ROP 45.5 WOB 20/22 RPM DIFF. 200/295.

BOILER 24 HRS.
ROT.WT.138, P/U 142, S/O 136.
MUD LOSS LAST 24 HRS. 0 BBLS.
MUD WT. 10.3 VIS.34.
ACCIDENTS NONE REPORTED.
FUNCTION TEST CROWN-O-MATIC.
SAFETY MEETING: TEAM WORK : HOUSEKEEPING
CREWS FULL.
FUEL ON HAND: 3608 GALS. USED 1334 GALS, RECIEVED 0 GALS.
FORMATION TOP: NORTH HORN
GAS BG.128 U, CONN 975 U.
LITHOLOGY, SAND/ SHALE
MUD LOGGER UNMANNED UNIT ON LOCATION F/ 11/28/08.= 4 DAYS.

12-03-2008 **Reported By** DAVID FOREMAN

DailyCosts: Drilling	$28,873	**Completion**	$0	**Daily Total**	$28,873
Cum Costs: Drilling	$548,139	**Completion**	$0	**Well Total**	$548,139

MD	7,902	**TVD**	7,902	**Progress**	790	**Days**	4	**MW**	10.4	**Visc**	34.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: DRILLING @ 7902'

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILL ROTATE F/ 7112' TO 7366' 254' ROP 36.2 WOB 20/22 RPM 63/40 DIFF. 80/195.
13:00	13:30	0.5	SERVICE RIG
13:30	06:00	16.5	DRILL ROTATE F/ 7366' TO 7902' 536' ROP 32.4 WOB 20/22 RPM 62/45 DIFF. 160/220.

BOILER 24 HRS.
ROT.WT.144, P/U 150, S/O 140.
MUD LOSS LAST 24 HRS. 0 BBLS.
MUD WT. 10.9 VIS.36.
ACCIDENTS NONE REPORTED.
FUNCTION TEST CROWN-O-MATIC.
SAFETY MEETING: TOOLS : HOUSEKEEPING
CREWS FULL.
FUEL ON HAND: 2221 GALS. USED 1387 GALS, RECIEVED 0 GALS.
FORMATION TOP: PRICE RIVER
GAS BG.130 U, CONN 655 U.
LITHOLOGY, SAND/ SHALE
MUD LOGGER UNMANNED UNIT ON LOCATION F/ 11/28/08.= 5 DAYS.

12-04-2008 **Reported By** DAVID FOREMAN

DailyCosts: Drilling	$29,059	**Completion**	$0	**Daily Total**	$29,059
Cum Costs: Drilling	$577,198	**Completion**	$0	**Well Total**	$577,198

MD	8,070	**TVD**	8,070	**Progress**	168	**Days**	5	**MW**	11.0	**Visc**	38.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: 8070' – TD / LDDP

Start	End	Hrs	Activity Description
06:00	11:30	5.5	DRILL ROTATE F/ 7902 TO 8050' 148' ROP 26.9 WOB 20/22 RPM 62/45 DIFF. 120/235. GAS KICK GANE 30 BBLS.
11:30	14:00	2.5	CIRC. OUT KICK ON CHOKE MUD CUT F/ 11. TO 9.9 GAS 9113 U.SHUT WELL IN 200 PSI. ON CASING. CIRC. ON CHOCK BUILD MUD WT. F/ 11. TO 11.2 LOST 130 BBLS. MIX AND PUMP LCM SWEEP.
14:00	15:00	1.0	DRILL ROTATE F/ 8050' TO 8070'. REACHED TD @ 15:00 HRS, 12/03/08.
15:00	19:00	4.0	CIRC. GAS. BUILD VOLUME IN PRE MIX TANK TO SPOT 13.PPB PILL. HIGH GAS READINGS WELL BECAME UN STABLE CLOSE IN WELL GAS 8787 U.
19:00	22:30	3.5	CIRC. OUT KICK ON CHOKE. CIRC. MIX AND PUMP LCM SWEEPS BY PASS SHAKER. COND. MUD WT. TO 11.4 WELL STABLE. GAS MXED OUT @ 9800 U. 80 TO 100 FT. FLAIR. CSG. PRESS. 300 PSI.
22:30	23:30	1.0	CIRC.WELL WORK PIPE AND COND. 300 BBLS OF PRE MIX MUD TO 13.PPB.
23:30	00:00	0.5	PUMP AND SPOT 300 BBLS 13. PILL TO LAY DOWN D/P AND RUN CASING. EMW 12.2 ON BOTTOM.
00:00	06:00	6.0	MONITOR WELL DROP SURVEY AND LAY DOWN DRILL PIPE. START L/D D/P @ 00:45 12/04/08.
			BOILER 24 HRS.
			MUD LOSS LAST 24 HRS. 150 BBLS.
			MUD WT. 11.4 VIS.38.
			ACCIDENTS NONE REPORTED.
			FUNCTION TEST CROWN-O-MATIC.
			SAFETY MEETING: MONITOR WELL : PINCH POINTS
			CREWS FULL.
			FUEL ON HAND: 1000 GALS. USED 1221 GALS, RECIEVED 0 GALS.
			FORMATION TOP: PRICE RIVER
			GAS BG.131 U, CONN. GAS 920 U. MAX 9800
			LITHOLOGY, SAND/ SHALE
			MUD LOGGER UNMANNED UNIT ON LOCATION F/ 11/28/08.= 6 DAYS.

12-05-2008 **Reported By** DAVID FOREMAN

DailyCosts: Drilling	$50,412	**Completion**	$172,880	**Daily Total**	$223,292
Cum Costs: Drilling	$627,610	**Completion**	$172,880	**Well Total**	$800,490

MD	8,070	**TVD**	8,070	**Progress**	0	**Days**	6	**MW**	0.0	**Visc**	0.0

Formation : **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: RDRT

Start	End	Hrs	Activity Description
06:00	08:00	2.0	L/D BHA RECOVER SURVEY REMOVE WEAR BUSHING.
08:00	09:00	1.0	RIG UP TO RUN CASING & SAFETY MEETING W/ CALIBER & ALL PERSONNEL.
09:00	16:30	7.5	RUN CASING 4 1/2 RAN 187 JTS.N-80 LTC + 2 MARKER JTS. & 1 PUP JT.11.6 # P-110 LTC AS FOLLOWS FLOAT SHOE 1 PUP JT. FLOAT COLLAR 16 JTS. CSG.1 MARKER JT. 69 JTS.CSG.1 MARKER JT. 104 JTS. CSG.LAND CSG. W/SLIPS FLOAT SHOE @ 8070', FLOAT COLLAR TOP @ 8044', MARKER JT @ 7331' & 4430. CENTRALIZERS, 5 FT. ABOVE SHOE,TOP OF JT.#2 & EVERY 3 TH. JT.TOTAL 15 TAG @ 8070'.

16:30	18:00	1.5	INSTALL ROT. HEAD RUBBER CIRC. CSG W/ RIG PUMP. RIG DOWN CALIBER CASING. FULL STRING WT. 74.000. SAFETY MEETING W/ SCHLUMBERGER.RIG UP TO PUMP CEMENT.
18:00	20:00	2.0	TEST LINES 5000 PSI. DROP BOTTOM PLUG PUMP 20 BBLS CHEM WASH & 20 BBLS WATER SPACER AHEAD OF LEAD.& CEMENT 8070' 4 1/2 N-80 11.6# LTC CSG. LEAD 375 SKS. 35/65 + ADDS MIX D020 6.%EXTENDER D176 2.% HIGH TEMPERA D112 .750% FLUID LOSS D046 .2% ANTIFOAM D013 .3% RETARDER DO65 .2 % DISPERSANT D130 .125LB/SK BLEND LOST CIRC. YIELD 2.26 FT3/SK H20 12.904 GAL/SK@ 12. PPG. TAIL 1125. SKS 50/50 POZ G + ADDS D020 2% EXTENDER D046 .1% ANTIFOAM D167 .2% FLUID LOSS DO65 .2% DISPERSANT YIELD 1.29 FT3/SK H20 5.985 GAL/SK @ 14.1 PPG. SHUTDOWN WASH OUT PUMPS & LINES DROP TOP PLUG & DISP. TO FLOAT COLLER W/ FRESH WATER. 124 BBLS. AVG. DISP. RATE 5 BPM FULL RETURNS THROUGH OUT JOB. DROP TOP PLUG @ 19:33 BUMPED PLUG @ 20:07 TO 3054 PSI. 1000 PSI. OVER LIFT PRESS. HOLD PRESS.F/2 MINS.1 1/2 BBL. BACK, FLOAT HELD.@ 20:09 CEMENT IN PLACE. RIG DOWN SCHLUMBERGER LINES.
20:00	21:00	1.0	WAIT ON CEMENT REMOVE CEMENT HEAD & ROT. HEAD RUBBER
21:00	21:30	0.5	PREPARE TO SET CSG. SLIPS. REMOVE ROTARY BUSHING INSTALL SLIPS ON 4 1/2 CSG.AND LOWER THROUGH BOP SET W/ 75,000. LAND CASING AT 8069' W/ FMC REP.
21:30	01:00	3.5	NIPPLE DOWN ROT. HEAD MAKE ROUGH CUT ON 4 1/2 CSG.FINISH NIPPLE DOWN BOP AND MAKE FINAL CUT W/ FMC. LAY DOWN CUT JT. 23.10'.
01:00	03:00	2.0	CLEAN MUD TANKS.
03:00	06:00	3.0	RIG DOWN. RIG MOVE @ 07:00 HOWCROFT TRUCKING .5 MILES
			BOILER 24 HRS.
			ACCIDENTS NONE REPORTED.
			FUNCTION TEST CROWN-O-MATIC.
			SAFETY MEETING: RUN CSG. : TEAM WORK
			CREWS FULL.
			FUEL ON HAND: 2000 GALS. USED 1000 GALS, RECIEVED 2000 GALS.
			MUD LOGGER UNMANNED UNIT ON LOCATION F/ 11/28/08.= 7 DAYS
06:00			RELEASE RIG @ 03:00 HRS, 12-05-08.
			CASING POINT COST $627,611

12-09-2008 **Reported By** SEARLE

DailyCosts: Drilling	$0	**Completion**	$42,076	**Daily Total**	$42,076
Cum Costs: Drilling	$627,610	**Completion**	$214,956	**Well Total**	$842,566

MD	8,070	**TVD**	8,070	**Progress**	0	**Days**	8	**MW**	0.0	**Visc**	0.0

Formation : **PBTD :** 80440.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: PREP FOR FRACS

Start	End	Hrs	Activity Description
06:00			MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FORM PBTD TO 70'. EST CEMENT TOP @ 250'. RD SCHLUMBERGER.

12-11-2008 **Reported By** DAVID BRINKERHOFF

DailyCosts: Drilling	$0	**Completion**	$42,075	**Daily Total**	$42,075
Cum Costs: Drilling	$627,610	**Completion**	$257,031	**Well Total**	$884,642

MD	8,070	**TVD**	8,070	**Progress**	0	**Days**	7	**MW**	0.0	**Visc**	0.0

Formation : **PBTD :** 80440.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: WO COMPLETION

Start	End	Hrs	Activity Description

Start	End	Hrs	Activity Description
06:00	06:00	24.0	12/8/08 MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTD TO SURFACE'. EST CEMENT TOP @ 245'. RD SCHLUMBERGER.

12-16-2008 **Reported By** RITA THOMAS

DailyCosts: Drilling	$0	**Completion**	$166,411	**Daily Total**	$166,411
Cum Costs: Drilling	$627,610	**Completion**	$423,442	**Well Total**	$1,051,053

MD	8,070	**TVD**	8,070	**Progress**	0	**Days**	8	**MW**	0.0	**Visc**	0.0

Formation : **PBTD :** 80440.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: FACILITY COST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FACILITY COST $166,411

12-19-2008 **Reported By** MCCURDY

DailyCosts: Drilling	$0	**Completion**	$2,168	**Daily Total**	$2,168
Cum Costs: Drilling	$627,610	**Completion**	$425,610	**Well Total**	$1,053,221

MD	8,070	**TVD**	8,070	**Progress**	0	**Days**	9	**MW**	0.0	**Visc**	0.0

Formation : **PBTD :** 80440.0 **Perf :** **PKR Depth :** 0.0

Activity at Report Time: WO COMPLETION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 6500 PSIG. WO COMPLETION.

12-30-2008 **Reported By** WHITEHEAD

DailyCosts: Drilling	$0	**Completion**	$1,200	**Daily Total**	$1,200
Cum Costs: Drilling	$627,610	**Completion**	$426,810	**Well Total**	$1,054,421

MD	8,070	**TVD**	8,070	**Progress**	0	**Days**	10	**MW**	0.0	**Visc**	0.0

Formation : MESAVERDE/WASATCH **PBTD :** 8044.0 **Perf :** 7754'-7997' **PKR Depth :** 0.0

Activity at Report Time: FRAC

Start	End	Hrs	Activity Description
06:00	06:00	24.0	RU CUTTERS WIRELINE PERFORATE LPR FROM 7754'-55', 7768'-69', 7773'-74', 7780'-81', 7797'-98', 7809'-10', 7854'-55', 7879'-80', 7892'-93', 7926'-27', 7939'-40', 7963'-64', 7974'-75', 7981'-82', 7988'-89', 7996'-97' @ 3 SPF @ 120° PHASING. RDWL. SD FOR HALLIBURTON REPAIRS.

12-31-2008 **Reported By** WHITEHEAD

DailyCosts: Drilling	$0	**Completion**	$8,104	**Daily Total**	$8,104
Cum Costs: Drilling	$627,610	**Completion**	$434,914	**Well Total**	$1,062,525

MD	8,070	**TVD**	8,070	**Progress**	0	**Days**	11	**MW**	0.0	**Visc**	0.0

Formation : MESAVERDE/WASATCH **PBTD :** 8044.0 **Perf :** 6176'-7997 **PKR Depth :** 0.0

Activity at Report Time: FRAC

Start	End	Hrs	Activity Description
06:00	06:00	24.0	RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 10710 GAL 20# DELTA 140 PAD, 44788 GAL DELTA 140 W/158600# 20/40 SAND @ 1-5 PPG. MTP 4722 PSIG. MTR 50.7 BPM. ATP 3796 PSIG. ATR 36.5 BPM. ISIP 2965 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 7690'. PERFORATE NH FROM 7343'-44', 7344'-45', 7359'-60', 7385'-86', 7426'-27', 7435'-36', 7503'-04', 7540'-41', 7569'-70', 7575'-76', 7585'-86', 7610'-11' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 4574 GAL 20# DELTA 140 PAD , 42335 GAL DELTA 140 W/130300# 20/40 SAND @ 1-5 PPG. MTP 6423 PSIG. MTR 54.9 BPM. ATP 5161 PSIG. ATR 33.4 BPM. ISIP 2475 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 7310'. PERFORATE NH FROM 6942'-43', 6957'-58', 6981'-82', 7013'-14', 7026'-27', 7059'-60', 7108'-09', 7163'-64', 7191'-92', 7207'-08', 7249'-50', 7288'-89' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 3866 GAL 20# DELTA 140, 13687 GAL DELTA 140 W/21900 # 20/40 SAND @ 1-2 PPG. MTP 6654 PSIG. MTR 23.4 BPM. ATP 6080 PSIG. ATR 18.8 BPM. ISIP 2455 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 6870'. PERFORATE BA/NH FROM 6600'-01', 6652'-53', 6653'-54', 6699'-00', 6751'-52', 6767'-68', 6789'-90', 6806'-07', 6816'-17', 6825'-26', 6844'-45', 6854'-55' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 2428 GAL 20# DELTA 140 PAD , 42653 GAL DELTA 140 W/117900# 20/40 SAND @ 1-4 PPG. MTP 6428 PSIG. MTR 50.2 BPM. ATP 5365 PSIG. ATR 35.6 BPM. ISIP 2240 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 6540'. PERFORATE BA FROM 6176'-77', 6206'-07', 6271'-72', 6292'-93', 6329'-30', 6390'-91', 6391'-92', 6395'-96', 6406'-07', 6447'-48', 6500'-01', 6519'-20' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/2777 GAL 20# DELTA140 PAD, 34368 GAL DELTA 140 W/92400# 20/40 SAND @ 1-4 PPG. MTP 6389 PSIG. MTR 50.8 BPM. ATP 5401 PSIG. ATR 37.6 BPM. ISIP 2305 PSIG. RD HALLIBURTON. SDFN.

01-01-2009 **Reported By** WHITEHEAD

DailyCosts: Drilling	$0	**Completion**	$340,448	**Daily Total**	$340,448
Cum Costs: Drilling	$627,610	**Completion**	$775,363	**Well Total**	$1,402,974

MD	8,070	**TVD**	8,070	**Progress**	0	**Days**	12	**MW**	0.0	**Visc**	0.0

Formation : MESAVERDE/WASATCH **PBTD :** 8044.0 **Perf :** 5166'-7997 **PKR Depth :** 0.0

Activity at Report Time: PREP TO MIRUSU

Start	End	Hrs	Activity Description
06:00	06:00	24.0	RUWL. SET 6K CFP AT 6140'. PERFORATE CA/BA FROM 5790'-91', 5795'-96', 5864'-65', 5884'-85', 5889'-90', 5897'-98', 5921'-22', 5949'-50', 6071'-72', 6075'-76', 6081'-82', 6117'-18' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/4191 GAL 20# DELTA 140 PAD, 42660 GAL DELTA 140 W/112600# 20/40 SAND @ 1-4 PPG. MTP 4428 PSIG. MTR 50.8 BPM. ATP 3669 PSIG. ATR 46.1 BPM. ISIP 2270 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 5710'. PERFORATE CA FROM 5587'-89', 5613'-15', 5633'-35', 5643'-45', 5653'-55', 5686'-88' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/3625 GAL 20# DELTA 140 PAD, 42016 GAL DELTA 140 W/112500# 20/40 SAND @ 1-4 PPG. MTP 4409 PSIG. MTR 51.7 BPM. ATP 3342 PSIG. ATR 46.2 BPM. ISIP 2230 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 5420'. PERFORATE PP/CA FROM 5302'-03', 5303'-04', 5315'-16', 5324'-25', 5334'-35', 5335'-36', 5383'-84', 5384'-85', 5398'-99', 5399'-00', 5405'-06', 5406'-07' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/2853 GAL 20# DELTA 140 PAD, 15120 GAL DELTA 140 W/21900# 20/40 SAND @ 1-2 PPG. SD DUE TO LOSS OF SUCTION ON GEL PRO UNIT. OVERFLUSHED. REFRAC DOWN CASING W/2223 GAL 20# DELTA 140 PAD, 35180 GAL DELTA 140 W/85700# 20/40 SAND @ 1-4 PPG. MTP 5558 PSIG. MTR 50.5 BPM. ATP 3543 PSIG. ATR 44.9 BPM. ISIP 2220 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 5220'. PERFORATE PP FROM 5166'-68', 5180'-82', 5186'-88', 5198'-00', 5203'-05' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/2797 GAL 20# DELTA 140 PAD, 40059 GAL DELTA 140 W/117600# 20/40 SAND @ 1-4 PPG. MTP 4835 PSIG. MTR 50.5 BPM. ATP 3924 PSIG. ATR 45.4 BPM. ISIP 2500 PSIG. RD HALLIBURTON.

RUWL. SET 6K CBP AT 5078'. RDWL. SDFN.

01-02-2009 **Reported By** HAL IVIE

DailyCosts: Drilling	$0	**Completion**	$32,412	**Daily Total**	$32,412
Cum Costs: Drilling	$627,610	**Completion**	$807,775	**Well Total**	$1,435,386

MD	8,070	**TVD**	8,070	**Progress**	0	**Days**	13	**MW**	0.0 **Visc** 0.0

Formation : MESAVERDE/WASATCH **PBTD :** 8044.0 **Perf :** 5166'-7997 **PKR Depth :** 0.0

Activity at Report Time: CLEAN OUT AFTER FRAC

Start	End	Hrs	Activity Description
06:00	18:00	12.0	SICP 0 PSIG. MIRU ROYAL RIG # 1. ND FRAC VALVES, NU BOP. RIH W/ MILL & PUMP OFF BIT SUB TO TAG @ 5078'. RU DRILLING EQUIPMENT. SDFN.

01-03-2009 **Reported By** HAL IVIE

DailyCosts: Drilling	$0	**Completion**	$50,753	**Daily Total**	$50,753
Cum Costs: Drilling	$627,610	**Completion**	$858,528	**Well Total**	$1,486,139

MD	8,070	**TVD**	8,070	**Progress**	0	**Days**	14	**MW**	0.0 **Visc** 0.0

Formation : MESAVERDE/WASATCH **PBTD :** 8044.0 **Perf :** 5166'-7997 **PKR Depth :** 0.0

Activity at Report Time: RDMOSU, FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 5078', 5220', 5420', 5710', 6140', 6540', 6870', 7310', 7690'. RIH. CLEANED OUT TO PBTD @ 8044'. LANDED TBG AT 7308' KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. RDMOSU. FLOWED 17 HRS. 24/64" CHOKE. FTP 1000 PSIG. CP 1000 PSIG. 51 BFPH. RECOVERED 873 BLW. 8606 BLWTR. TUBING DETAIL LENGTH PUMP OFF SUB 1.00' 1 JT 2-3/8 4.7# L-80 TBG 32.91' XN NIPPLE 1.00' 221 JTS 2-3/8 4.7# L-80 TBG 7259.79' BELOW KB 13.00' LANDED @ 7307.80' KB

01-04-2009 **Reported By** HAL IVIE

DailyCosts: Drilling	$0	**Completion**	$2,190	**Daily Total**	$2,190
Cum Costs: Drilling	$627,610	**Completion**	$860,718	**Well Total**	$1,488,329

MD	8,070	**TVD**	8,070	**Progress**	0	**Days**	15	**MW**	0.0 **Visc** 0.0

Formation : MESAVERDE/WASATCH **PBTD :** 8044.0 **Perf :** 5166'-7997 **PKR Depth :** 0.0

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 1975 PSIG, CP 750 PSIG. 52 BFPH. RECOVERED 1243 BBLS, 7363 BLWTR.

01-05-2009 **Reported By** HAL IVIE

DailyCosts: Drilling	$0	**Completion**	$2,190	**Daily Total**	$2,190

Cum Costs: Drilling $627,610 **Completion** $862,908 **Well Total** $1,490,519

MD 8,070 **TVD** 8,070 **Progress** 0 **Days** 16 **MW** 0.0 **Visc** 0.0

Formation : MESAVERDE/WASATCH **PBTD :** 8044.0 **Perf :** 5166'–7997 **PKR Depth :** 0.0

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 1200 PSIG, CP 850 PSIG. 41 BFPH. RECOVERED 980 BBLS, 6383 BLWTR.

01–06–2009 Reported By HAL IVIE

DailyCosts: Drilling $0 **Completion** $2,190 **Daily Total** $2,190

Cum Costs: Drilling $627,610 **Completion** $865,098 **Well Total** $1,492,709

MD 8,070 **TVD** 8,070 **Progress** 0 **Days** 17 **MW** 0.0 **Visc** 0.0

Formation : MESAVERDE/WASATCH **PBTD :** 8044.0 **Perf :** 5166'–7997 **PKR Depth :** 0.0

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 1150 PSIG, CP 1200 PSIG. 34 BFPH. RECOVERED 812 BBLS, 5569 BLWTR.

01–07–2009 Reported By HAL IVIE

DailyCosts: Drilling $0 **Completion** $2,190 **Daily Total** $2,190

Cum Costs: Drilling $627,610 **Completion** $867,288 **Well Total** $1,494,899

MD 8,070 **TVD** 8,070 **Progress** 0 **Days** 18 **MW** 0.0 **Visc** 0.0

Formation : MESAVERDE/WASATCH **PBTD :** 8044.0 **Perf :** 5166'–7997 **PKR Depth :** 0.0

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 1525 PSIG. CP 1425 PSIG. 27 BFPH. RECOVERED 648 BLW. 4921 BLWTR.

01–08–2009 Reported By HAL IVIE

DailyCosts: Drilling $0 **Completion** $2,190 **Daily Total** $2,190

Cum Costs: Drilling $627,610 **Completion** $869,478 **Well Total** $1,497,089

MD 8,070 **TVD** 8,070 **Progress** 0 **Days** 19 **MW** 0.0 **Visc** 0.0

Formation : MESAVERDE/WASATCH **PBTD :** 8044.0 **Perf :** 5166'–7997 **PKR Depth :** 0.0

Activity at Report Time: WO FACILITY

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 1100 PSIG. CP 1400 PSIG. 23 BFPH. RECOVERED 558 BLW. 4363 BLWTR. SI. WO FACILITIES.

FINAL COMPLETION DATE: 1/7/09

01–16–2009 Reported By DUANE COOK

DailyCosts: Drilling $0 **Completion** $0 **Daily Total** $0

Cum Costs: Drilling $627,610 **Completion** $869,478 **Well Total** $1,497,089

MD 8,070 **TVD** 8,070 **Progress** 0 **Days** 20 **MW** 0.0 **Visc** 0.0

Formation : MESAVERDE/WASATCH **PBTD :** 8044.0 **Perf :** 5166'–7997 **PKR Depth :** 0.0

Activity at Report Time: INITIAL PRODUCTION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	INITIAL PRODUCTION: TURNED TO GAS SALES. SITP 900 & SICP 2200 PSIG. TURNED WELL TO KERR-MAGEE SALES AT 11:00 AM, 01/15/09. FLOWING 265 MCFD RATE ON 21/64" POS CK. STATIC 380. KERR-MAGEE METER #985755.

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
UTU01393B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NATURAL BUTTES

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
NATURAL BUTTES UNIT 614-05E

2. Name of Operator
EOG RESOURCES, INC.
Contact: MARY A. MAESTAS
E-Mail: mary_maestas@eogresources.com

9. API Well No.
43-047-39305

3a. Address
600 17TH STREET SUITE 1000N
DENVER, CO 80202

3b. Phone No. (include area code)
Ph: 303-824-5526

10. Field and Pool, or Exploratory
NATURAL BUTTES

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 5 T10S R21E NWNE 716FNL 1967FEL
39.98260 N Lat, 109.57385 W Lon

11. County or Parish, and State
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☒ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

All material, debris, trash, and junk was removed from the location. The reserve pit was reclaimed. Stockpiled topsoil was spread over the pit area and broadcast seeded with the prescribed seed mixture. The seeded area was then walked down with a cat. Interim reclamation was completed on 1/23/2009.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #67127 verified by the BLM Well Information System
For EOG RESOURCES, INC., sent to the Vernal

Name *(Printed/Typed)* MARY A. MAESTAS — Title REGULATORY ASSISTANT

Signature (Electronic Submission) — Date 02/09/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED**

RECEIVED
FEB 12 2009
DIV. OF OIL, GAS & MINING

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. UTU01393B

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NATURAL BUTTES

2. Name of Operator EOG RESOURCES, INC.
Contact: MICKENZIE THACKER
E-Mail: MICKENZIE_THACKER@EOGRESOURCES.COM

8. Lease Name and Well No. NATURAL BUTTES UNIT 614-05E

3. Address 1060 E. HWY 40 VERNAL, UT 84078
3a. Phone No. (include area code) Ph: 453-781-9145

9. API Well No. 43-047-39305

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NWNE Lot 2 716FNL 1967FEL 39.98260 N Lat, 109.57385 W Lon

At top prod interval reported below NWNE Lot 2 716FNL 1967FEL 39.98260 N Lat, 109.57385 W Lon

At total depth NWNE Lot 2 716FNL 1967FEL 39.98260 N Lat, 109.57385 W Lon

10. Field and Pool, or Exploratory NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey or Area Sec 5 T10S R21E Mer SLB

12. County or Parish UINTAH
13. State UT

14. Date Spudded 09/04/2008
15. Date T.D. Reached 12/03/2008
16. Date Completed ☐ D & A ☒ Ready to Prod. 01/15/2009
17. Elevations (DF, KB, RT, GL)* 4956 GL

18. Total Depth: MD 8070 TVD
19. Plug Back T.D.: MD 8044 TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
RST/CBL/CCL/VDL/GR Temp

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0		2383		600		0	
7.875	4.500 P-110	11.6		8070		1500		245	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7308							

25. Producing Intervals

26. Perforation Record 5166

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)WASATCH/MESAVERDE	5166	7997	7754 TO 7997		3	
B)			7343 TO 7611		3	
C)			6942 TO 7289		3	
D)			6600 TO 6855		3	

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7754 TO 7997	55,663 GALS OF GELLED WATER & 158,600# 20/40 SAND
7343 TO 7611	47,074 GALS OF GELLED WATER & 130,300# 20/40 SAND
6942 TO 7289	17,718 GALS OF GELLED WATER & 21,900# 20/40 SAND
6600 TO 6855	45,246 GALS OF GELLED WATER & 117,900# 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/15/2009	01/18/2009	24	→	0.0	373.0	480.0			FLOWS FROM WELL

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
14/64	1050 SI	2050.0	→	0	373	480		PGW

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #67428 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

RECEIVED
FEB 23 2009
DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
WASATCH/MESAVERDE	5166	7997		GREEN RIVER	1436
				BIRDS NEST ZONE	1724
				MAHOGANY	2210
				UTELAND BUTTE	4625
				WASATCH	4744
				CHAPITA WELLS	5351
				BUCK CANYON	6044
				PRICE RIVER	7765

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #67428 Verified by the BLM Well Information System.
For EOG RESOURCES, INC., sent to the Vernal

Name *(please print)* MICKENZIE THACKER Title OPERATIONS CLERK

Signature (Electronic Submission) Date 02/19/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Natural Buttes Unit 614-05E - ADDITIONAL REMARKS (CONTINUED):

26. PERFORATION RECORD

6176-6520	3/spf
5790-6118	3/spf
5587-5688	3/spf
5302-5407	3/spf
5166-5205	3/spf

27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

6176-6520	37,145 GALS GELLED WATER & 92,400# 20/40 SAND
5790-6118	46,851 GALS GELLED WATER & 112,600# 20/40 SAND
5587-5688	45,641 GALS GELLED WATER & 112,500# 20/40 SAND
5302-5407	55,376 GALS GELLED WATER & 107,600# 20/40 SAND
5166-5205	42,856 GALS GELLED WATER & 117,600# 20/40 SAND

Perforated the Lower Price River from 7754'-55', 7768'-69', 7773'-74', 7780'-81', 7797'-98', 7809'-10', 7854'-55', 7879'-80', 7892'-93', 7926'-27', 7939'-40', 7963'-64', 7974'-75', 7981'-82', 7988'-89', 7996'-97' w/ 3 spf.

Perforated the North Horn from 7343'-44', 7344'-45', 7359'-60', 7385'-86', 7426'-27', 7435'-36', 7503'-04', 7540'-41', 7569'-70', 7575'-76', 7585'-86', 7610'-11' w/ 3 spf.

Perforated the North Horn from 6942'-43', 6957'-58', 6981'-82', 7013'-14', 7026'-27', 7059'-60', 7108'-09', 7163'-64', 7191'-92', 7207'-08', 7249'-50', 7288'-89' w/ 3 spf.

Perforated the North Horn/Ba from 6600'-01', 6652'-53', 6653'-54', 6699'-6700', 6751'-52', 6767'-68', 6789'-90', 6806'-07', 6816'-17', 6825'-26', 6844'-45', 6854'-55' w/ 3 spf.

Perforated the Ba from 6176'-77', 6206'-07', 6271'-72', 6292'-93', 6329'-30', 6390'-91', 6391'-92', 6395'-96', 6406'-07', 6447'-48', 6500'-01', 6519'-20' w/ 3 spf.

Perforated the Ba/Ca from 5790'-91', 5795'-96', 5864'-65', 5884'-85', 5889'-90', 5897'-98', 5921'-22', 5949'-50', 6071'-72', 6075'-76', 6081'-82', 6117'-18' w/ 3 spf.

Perforated the Ca from 5587'-89', 5613'-15', 5633'-35', 5643'-45', 5653'-55', 5686'-88' w/ 3 spf.

Perforated the Ca/Pp from 5302'-03', 5303'-04', 5315'-16', 5324'-25', 5334'-35', 5335'-36', 5383'-84', 5384'-85', 5398'-99', 5399'-5400', 5405'-06', 5406'-07' w/ 3 spf.

Perforated the Pp from 5166'-68', 5180'-82', 5186'-88', 5198'-5200', 5203'-05' w/ 3 spf.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 7

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well name and number: NBU 614-05E

API number: 4304739305

Well Location: QQ LOT2 Section 5 Township 10S Range 21E County CARBON

Well operator: EOG

Address: 1060 E HWY 40

city VERNAL state UT zip 84078 Phone: (435) 781-9111

Drilling contractor: CRAIGS ROUSTABOUT SERVICE

Address: PO BOX 41

city JENSEN state UT zip 84035 Phone: (435) 781-1366

Water encountered (attach additional pages as needed):

DEPTH		VOLUME	QUALITY
FROM	TO	(FLOW RATE OR HEAD)	(FRESH OR SALTY)
		NO WATER	FLUID DRILLED HOLE

Formation tops: (Top to Bottom)

1 _____ 2 _____ 3 _____
4 _____ 5 _____ 6 _____
7 _____ 8 _____ 9 _____
10 _____ 11 _____ 12 _____

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

NAME (PLEASE PRINT) Mickenzie Thacker TITLE Operations Clerk

SIGNATURE Mickenzie Thacker DATE 2/17/2009

(5/2000)

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

X Change of Operator (Well Sold) Designation of Agent/Operator

Operator Name Change Merger

The operator of the well(s) listed below has changed, effective: **1/15/2009**

FROM: (Old Operator):	**TO:** (New Operator):
N9550-EOG Resources	N2995-Kerr-McGee Oil & Gas Onshore., LP
1060 E Hwy 40	1368 South 1200 East
Vernal, UT 84078	Vernal, UT 84078
Phone: 1-(435) 781-9111	Phone: 1-(435) 781-7024

CA No. **Unit:** **NATURAL BUTTES**

WELL NAME(S)	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 327-05E	05	100S	210E	4304739303	2900	Federal	GW	P
NBU 614-05E	05	100S	210E	4304739305	2900	Federal	GW	P
NBU 617-04E	04	100S	210E	4304739337	2900	Federal	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: Completion of well
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: Completion of well
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 3/7/2006
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

6b. Inspections of LA PA state/fee well sites complete on: n/a

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA n/a
8. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
9. **Federal and Indian Communization Agreements ("CA"):** The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 2/26/2009
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 2/26/2009
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: CO1203
2. Indian well(s) covered by Bond Number: n/a
3. (R649-3-1) The **NEW** operator of any state or fee well(s) listed covered by Bond Number 22013542
4. The **FORMER** operator has requested a release of liability from their bond on: n/a

COMMENTS:

Well to transfer upon completion to Unit Operator (See 9/23/2003 letter from EOG & agreement 9/17/03 from Westport)

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *– Other instructions on page 2.*

5. Lease Serial No.
Multiple Leases

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.
Natural Buttes

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.
Multiple Wells

2. Name of Operator
EOG Resources , Inc

9. API Well No.
See Attached

3a. Address
1060 EAST HIGHWAY 40, VERNAL, UT 84078

3b. Phone No. *(include area code)*
435-781-9145

10. Field and Pool or Exploratory Area
Natural Buttes

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
See Attached

11. Country or Parish, State
Uintah, Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other Change of Operator
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. has assigned all of its right, title and interest in the wells described in the attached list ("the Subject Wells") to Kerr-McGee Oil & Gas Onshore LP and will relinquish and transfer operatorship of all of the Subject Wells to Kerr-McGee Oil & Gas Onshore LP on January 1, 2010.

As of January 1, 2010, Kerr-McGee Oil & Gas Onshore LP will be considered to be the operator of each of the Subject Wells and will be responsible under the terms and conditions of the applicable lease for the operations conducted upon the leased lands. Bond coverage is provided under Kerr-McGee Oil & Gas Onshore LP's Nationwide BLM Bond No. WYB-000291.

Kerr-McGee Oil & Gas Onshore LP
1099 18th Street, Suite 1800
Denver, CO 80202-1918

By: Michael A. Nixson Date: 12/17/2009
Michael A. Nixson
Agent and Attorney-in-Fact

Accepted by the Utah Division of Oil, Gas and Mining
For Record Only 1/31/2010

14. I hereby certify that the foregoing is true and correct.
Name *(Printed/Typed)*
J. Michael Schween

Title Agent and Attorney-in-Fact

Signature

Date 12/17/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

RECEIVED
DEC 24 2009
DIV. OF OIL, GAS & MINING

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Lease #	API #	Well Name	Footages	Legal Description
UTUO2270A	4304730261	NBU 1-07B	1975' FNL 1850' FWL	T10S-R21E-07-SENW
UTUO144868	4304730262	NBU 2-15B	1630' FSL 2125' FEL	T09S-R20E-15-NWSE
ML22651	4304730267	NBU 3-02B	1819' FNL 716' FWL	T10S-R22E-02-SWNW
UTUO10954A	4304730273	NBU 4-35B	2037' FNL 2539' FWL	T09S-R22E-35-SENW
ML22650	4304730272	NBU 5-36B	1023' FNL 958' FWL	T09S-R22E-36-NWNW
UTUO1791	4304730278	NBU 7-09B	330' FSL 1600' FWL	T10S-R21E-09-SESW
UTUO1207 ST	4304730274	NBU 10-29B	1100' FSL 1540' FEL	T09S-R22E-29-SWSE
UTUO1791	4304730294	NBU 13-08B	1600' FSL 1300' FEL	T10S-R21E-08-NESE
UTUO581	4304730296	NBU 15-29B	821' FNL 687' FWL	T09S-R21E-29-NWNW
UTUO1791	4304730316	NBU 16-06B	330' FSL 900' FEL	T10S-R21E-06-SESE
UTUO2270A	4304730317	NBU 17-18B	1014' FSL 2067' FEL	T10S-R21E-18-SWSE
UTUO144869	4304730328	NBU 19-21B	2015' FNL 646' FEL	T09S-R20E-21-SENE
UTUO575	4304730363	NBU 25-20B	1905' FNL 627' FWL	T09S-R21E-20-SWNW
UTU4485	4304730364	NBU 26-13B	600' FSL 661' FEL	T10S-R20E-13-SESE
UTUO1393B	4304730367	NBU 28-04B	529' FNL 2145' FWL	T10S-R21E-04-NENW
UTUO1393B	4304730368	NBU 29-05B	398' FSL 888' FWL	T10S-R21E-05-SESE
UTUO575	4304730380	NBU 30-18B	1895' FSL 685' FEL	T09S-R21E-18-NESE
ML01197A	4304730385	NBU 31-12B	565' FNL 756' FWL	T10S-R22E-12-NWNW
UTU461	4304730396	NBU 33-17B	683' FSL 739' FWL	T09S-R22E-17-SWSW
UTUO575	4304730404	NBU 34-17B	210' FNL 710' FEL	T09S-R21E-17-NENE
UTUO149767	4304730397	NBU 35-08B	1830' FNL 660' FWL	T09S-R21E-8-SWNW
UTUO144878B	4304730470	NBU 49-12B	551' FSL 1901' FEL	T09S-R20E-12-SWSE
UTUO140225	4304730473	NBU 52-01B	659' FSL 658' FEL	T09S-R21E-01-SESE
UTUO141315	4304730474	NBU 53-03B	495' FSL 601' FWL	T09S-R21E-03-SWSW
ML21510	4304730475	NBU 54-02B	660' FSL 660' FWL	T09S-R21E-02-SWSW
UTUO1193	4304730464	NBU 57-12B	676' FSL 1976' FEL	T09S-R21E-12-SWSE
UTUO1198B	4304730463	NBU 58-23B	1634' FNL 2366' FEL	T10S-R22E-23-SWNE
UTUO37167	4304730477	NBU 62-35B	760' FNL 2252' FEL	T10S-R22E-35-NWNE
UTU10186	4304730466	NBU 63-12B	1364' FNL 1358' FEL	T10S-R20E-12-SWNE
UTUO37167	4304730577	NBU 70-34B	1859' FSL 2249' FWL	T10S-R22E-34-NESW
UTU4476	4304730578	NBU 71-26B	1877' FNL 528' FEL	T10S-R20E-26-SENE
UTUO141315	4304731150	NBU 202-03	898' FSL 1580' FEL	T09S-R21E-03-SWSE
UTUO1791	4304731238	NBU 205-08	1432' FSL 1267' FWL	T10S-R21E-08-NWSW
UTUO1791	4304731165	NBU 206-09	1789' FNL 1546' FWL	T10S-R21E-09-SENW
UTUO1393B	4304731177	NBU 207-04	1366' FSL 1445' FWL	T10S-R21E-04-NESW
UTUO149076	4304731153	NBU 210-24	1000' FSL 1000' FWL	T09S-R21E-24-SWSW
UTUO284	4304731156	NBU 211-20	916' FSL 822' FEL	T09S-R22E-20-SESE
UTUO284	4304731267	NBU 212-19	289' FSL 798' FWL	T09S-R22E-19-SWSW
UTU22650	4304731268	NBU 213-36J	597' FNL 659' FEL	T09S-R22E-36-NENE
ML22651	4304731282	NBU 217-02	2045' FSL766' FWL	T10S-R22E-02-NWSW
UTUO2270A	4304731310	NBU 218-17	2600' FNL 1500' FWL	T10S-R21E-17-SENW
UTUO149076	4304731308	NBU 219-24	1300' FNL 500' FWL	T09S-R21E-24-NWNW
UTUO149076	4304732131	NBU 301-24E	700' FSL 2450' FEL	T09S-R21E-24-SWSE
UTUO1791	4304732010	NBU 302-09E	1899' FSL 912' FWL	T10S-R21E-09-NWSW
UTUO575	4304732130	NBU 304-18E	782' FSL 1783' FEL	T09S-R21E-18-SWSE
UTUO149767	4304732135	NBU 305-07E	670' FNL 1950' FWL	T09S-R21E-07-NENW
UTUO581	4304732282	NBU 306-18E	1604' FSL 2797' FWL	T09S-R21E-18-NESW
UTUO1791	4304732014	NBU 307-06E	1979' FSL 2000' FEL	T10S-R21E-06-NWSE
UTUO284	4304732202	NBU 308-20E	1503' FSL 954' FWL	T09S-R22E-20-NWSW
UTUO575	4304732283	NBU 309-20E	930' FNL 667' FEL	T09S-R21E-20-NENE
UTUO149075	4304732203	NBU 311-23E	1101' FSL 1978' FEL	T09S-R21E-23-SWSE
UTUO581	4304732378	NBU 313-29E	1000' FNL 660' FEL	T09S-R21E-29-NENE
UTUO141315	4304732271	NBU 314-03E	1045' FSL 2584' FWL	T09S-R21E-03-SESW
UTUO575	4304732381	NBU 316-17E	1935' FNL 1067' FWL	T09S-R21E-17-SWNW
UTUO144868B	4304732362	NBU 317-12E	867' FNL 701' FEL	T09S-R20E-12-NENE
UTUO2270A	4304737511	NBU 319-17E	807' FNL 990' FWL	T10S-R21E-17-NWNW
UTUO1188	4304732379	NBU 321-10E	940' FSL 2508' FWL	T09S-R21E-10-SESW
UTUO575B	4304732376	NBU 325-08E	832' FSL 669' FWL	T09S-R21E-08-SWSW
UTUO1393B	4304733697	NBU 326-04E	1906' FNL 695' FWL	T10S-R21E-04-SWNW
UTUO1393B	4304739303	NBU 327-05E	1117' FNL 942' FEL	T10S-R21E-05-NENE (LOT 1)
UTU4485	4304732386	NBU 328-13E	1766' FSL 1944' FWL	T10S-R20E-13-NESW
UTUO1207 ST	4304732229	NBU 329-29E	2490' FNL 949' FEL	T09S-R22E-29-SENE

Lease #	API #	Well Name	Footages	Legal Description
UTUO10954A	4304732147	NBU 331-35E	1531' FNL 1153' FEL	T09S-R22E-35-SENE
UTUO1791	4304732148	NBU 332-08E	955' FSL 2508' FEL	T10S-R21E-08-SWSE
ML21510	4304732518	NBU 333-02E	1951' FSL 2245' FWL	T09S-R21E-02-NESW
UTUO149075	4304732265	NBU 335-23E	1419' FNL 828' FEL	T09S-R21E-23-SENE
UTUO149076	4304732264	NBU 336-24E	2024' FNL 1958' FWL	T09S-R21E-24-SENW
UTUO284	4304732281	NBU 339-19E	1890' FSL 674' FWL	T09S-R22E-19-NWSW
UTUO284B	4304732327	NBU 340-20E	1326' FSL 2569' FEL	T09S-R22E-20-NWSE
UTUO1207 ST	4304733055	NBU 341-29E	307' FSL 898' FEL	T09S-R22E-29-SESE
UTUO10954A	4304732212	NBU 342-35E	918' FNL 2563' FEL	T09S-R22E-35-NWNE
UTUO1393B	4304739338	NBU 346-05E	2233' FSL 676' FEL	T10S-R21E-05-NESE
UTUO575B	4304732326	NBU 349-07E	1641' FNL 1036' FWL	T09S-R21E-07-SWNW
UTUO1188	4304732519	NBU 352-10E	1806' FSL 842' FWL	T09S-R21E-10-NWSW
UTUO581	4304732383	NBU 356-29E	1600' FNL 1980' FEL	T09S-R21E-29-SWNE
UTUO2270A	4304732388	NBU 358-01E	736' FSL 1941' FEL	T10S-R20E-01-SWSE
UTU4485	4304750032	NBU 359-13E	661' FSL 2149' FEL	T10S-R20E-13-SWSE
UTU4485	4304732387	NBU 360-13E	1998' FSL 775' FWL	T10S-R20E-13-NWSW
ML21510	4304733782	NBU 379-02E	1967' FSL 898' FWL	T09S-R21E-02-NWSW
UTUO575	4304733064	NBU 382-18E	2030' FSL 2172' FEL	T09S-R21E-18-NWSE
UTUO149075	4304735889	NBU 384-23E	491' FSL 929' FEL	T09S-R21E-23-SESE
UTUO149076	4304733056	NBU 386-24E	450' FSL 1850' FWL	T09S-R21E-24-SESW
UTUO284	4304733057	NBU 388-19E	382' FSL 1847' FWL	T09S-R22E-19-SESW
UTUO1207 ST	4304733049	NBU 389-29E	2226' FSL 2166' FEL	T09S-R22E-29-NWSE
UTUO1393B	4304732835	NBU 390-04E	2577' FSL 1951' FWL	T10S-R21E-04-NESW
UTUO1393B	4304732988	NBU 391-05E	1215' FSL 2090' FEL	T10S-R21E-05-SWSE
UTUO1791	4304733783	NBU 392-06E	1926' FSL 611' FEL	T10S-R21E-06-NESE
UTU4485	4304733071	NBU 393-13E	1850' FSL 2141' FEL	T10S-R20E-13-NWSE
UTU4485	4304733072	NBU 394-13E	725' FSL 2027' FWL	T10S-R20E-13-SESW
UTUO1188	4304732544	NBU 400-11E	1983' FSL 1321' FWL	T09S-R21E-11-NESW
UTUO581	4304734216	NBU 421-29E	1985 FNL, 972 FEL	T09S-R21E-29-SENE
UTUO581	4304733698	NBU 422-29E	1980' FNL 785' FWL	T09S-R21E-29-SWNW
UTUO581	4304734206	NBU 423-30E	1980' FSL 660' FEL	T09S-R21E-30-NESE
ML3142	4304733699	NBU 424-32E	744' FNL 773' FEL	T09S-R21E-32-NENE
UTUO2270A	4304740049	NBU 428-07E	660' FSL 855' FWL	T10S-R21E-07-SWSW (LOT 4)
UTUO1791	4304733069	NBU 431-09E	2599' FNL 662' FWL	T10S-R21E-09-SWNW
UTUO2270A	4304738536	NBU 434-17E	1799' FNL 2176' FWL	T10S-R21E-17-SENW
UTUO2270A	4304738376	NBU 435-17E	1837' FNL 571' FWL	T10S-R21E-17-SWNW
UTUO2270A	4304734195	NBU 436-18E	1644' FSL 748' FEL	T10S-R21E-18-NESE
UTUO2270A	4304735499	NBU 437-18E	322' FSL 748' FEL	T10S-R21E-18-SESE
ML22792	4304737534	NBU 438-19E	661' FNL 1941' FEL	T10S-R21E-19-NWNE
ML22792	4304737535	NBU 439-19E	2111' FNL 1980' FWL	T10S-R21E-19-SWNE
UTUO10953	4304736279	NBU 451-01E	1965' FSL 2132' FWL	T10S-R22E-01-NESW
ML22651	4304736053	NBU 456-02E	493' FNL 1080' FWL	T10S-R22E-02-NWNW (Lot 4)
UTUO141315	4304733063	NBU 481-03E	1490' FSL 556' FEL	T09S-R21E-03-NESE
UTUO581	4304733065	NBU 483-19E	1850' FSL 1980' FWL	T09S-R21E-19-NESW
UTUO575	4304733784	NBU 484-20E	350' FNL 823' FWL	T09S-R21E-20-NWNW
UTUO2270A	4304739897	NBU 486-07E	1895 FSL' 1834' FWL	T10S-R21E-07-NESW
UTUO575B	4304733121	NBU 489-07E	763' FSL 733' FWL	T09S-R21E-07-SWSW (Lot 4)
UTUO2270A	4304733123	NBU 497-01E	2091' FSL 894' FEL	T10S-R20E-01-NESE
UTUO577A	4304733140	NBU 506-23E	720' FNL 1818' FWL	T09S-R20E-23-NENW
UTUO1791	4304733124	NBU 508-08E	915' FSL 355' FEL	T10S-R21E-08-SESE
UTUO1197A ST	4304739283	NBU 513-12EX	1850' FNL 2133' FWL	T10S-R22E-12-SENW
UTUO2270A	4304733696	NBU 516-12E	1950' FSL 1786' FEL	T10S-R20E-12-NWSE
UTUO141315	4304733779	NBU 519-03E	1749' FSL 798' FWL	T09S-R21E-03-NWSW
UTUO575B	4304733780	NBU 521-08E	2250' FSL 900' FWL	T09S-R21E-08-NWSW
UTUO1188	4304733781	NBU 522-10E	732' FSL 841' FEL	T09S-R21E-10-SESE
UTUO2270A	4304733685	NBU 523-12E	660' FSL 660' FEL	T10S-R20E-12-SESE
UTUO2270A	4304733701	NBU 524-12E	841' FSL 1795' FEL	T10S-R20E-12-SWSE
UTUO2270A	4304739722	NBU 529-07E	704' FNL 762' FWL	T10S-R21E-07-NWNW
UTUO581	4304734639	NBU 534-18E	1885' FSL 115' FWL	T09S-R21E-18-NWSW
UTUO2270A	4304735200	NBU 535-17E	1893' FSL 580' FWL	T10S-R21E-17-NWSW
ML22791	4304735252	NBU 536-18E	734' FSL 2293' FWL	T10S-R21E-18-SESW
UTUO2270A	4304735253	NBU 537-18E	1880' FSL 1830' FEL	T10S-R21E-18-NWSE

Lease #	API #	Well Name	Footages	Legal Description
UTUO284	4304735886	NBU 538-19E	1937' FSL 1833' FWL	T09S-R22E-19-NESW
UTUO149076	4304735887	NBU 539-24E	1870' FSL 477' FEL	T09S-R21E-24-NESE
UTUO10953	4304736280	NBU 546-01E	2036' FSL 699' FWL	T10S-R22E-01-NWSW
UTUO10953	4304736278	NBU 547-01E	749' FSL 598' FWL	T10S-R22E-01-SWSW
UTU474	4304737687	NBU 553-28E	767' FNL 753' FWL	T10S-R22E-28-NWNW
UTU474	4304737686	NBU 554-28E	2023' FNL 465' FWL	T10S-R22E-28-SWNW
ML22791	4304737685	NBU 555-18E	1984' FSL 1790' FWL	T10S-R21E-18-NESW
ML22791	4304737514	NBU 556-18E	1800' FSL 870' FWL	T10S-R21E-18-NWSW
ML22791	4304737513	NBU 557-18E	852' FSL 661' FWL	T10S-R21E-18-SWSW
UTUO2270A	4304737510	NBU 558-17E	748' FSL 611' FWL	T10S-R21E-17-SWSW
UTUO2278C	4304737509	NBU 559-17E	467' FSL 2065' FWL	T10S-R21E-17-SESW
UTUO2278	4304737508	NBU 560-17E	1946' FSL 1896' FWL	T10S-R21E-17-NESW
UTUO2278	4304737512	NBU 561-17E	857' FSL 1988' FEL	T10S-R21E-17-SWSE
ML22792	4304737536	NBU 562-19E	859' FNL 859' FEL	T10S-R21E-19-NENE
ML22792	4304737537	NBU 563-19E	1982' FSL 1878' FEL	T10S-R21E-19-NWSE
UTU4476	4304738962	NBU 564-26E	665' FNL 1945' FWL	T10S-R20E-26-NENW
ML22793	4304737533	NBU 565-30E	1865' FNL 1786' FEL	T10S-R21E-30-SWNE
UTUO2270A	4304738375	NBU 566-17E	538' FNL 1806' FWL	T10S-R21E-17-NENW
UTUO1791	4304738535	NBU 567-17E	690' FNL 1988' FEL	T10S-R21E-17-NWNE
UTUO1791	4304738537	NBU 568-17E	850' FNL 807' FEL	T10S-R21E-17-NENE
UTUO1791	4304738534	NBU 569-17E	2009' FNL 1809' FEL	T10S-R21E-17-SWNE
UTUO1791	4304738529	NBU 570-17E	2031' FNL 672' FEL	T10S-R21E-17-SENE
UTUO2278	4304738377	NBU 571-17E	1964' FSL 1831' FEL	T10S-R21E-17-NWSE
UTUO2278	4304738374	NBU 572-17E	1810' FSL 739' FEL	T10S-R21E-17-NESE
UTUO2278	4304738510	NBU 573-17E	813' FSL 481' FEL	T10S-R21E-17-SESE
ML22650	4304739308	NBU 602-36E	1723' FNL 719' FWL	T09S-R22E-36-SWNW
UTUO1393B	4304739305	NBU 614-05E	716' FNL 1967' FEL	T10S-R21E-05-NWNE
UTUO1393B	4304739655	NBU 615-05E	2384' FNL 1015' FEL	T10S-R21E-05-SENE
UTUO1393B	4304739337	NBU 617-04E	933' FNL 745' FWL	T10S-R21E-04-NWNW
UTUO1393B	4304739336	NBU 618-04E	998' FSL 661' FWL	T10S-R21E-04-SWSW
UTUO1393B	4304739414	NBU 625-04E	1937' FNL 1722' FWL	T10S-R21E-04-SENW
UO01197A ST	4304739192	NBU 632-12E	860' FNL 2032' FWL	T10S-R22E-12-NENW
UO01197A ST	4304739193	NBU 633-12E	789' FNL 2179' FEL	T10S-R22E-12-NWNE
UO01197A ST	4304739190	NBU 635-12E	1808' FNL 1754' FEL	T10S-R22E-12-SWNE
UTUO1197A ST	4304739191	NBU 636-12E	1824' FNL 461' FEL	T10S-R22E-12-SENE
UTUO8512 ST	4304750016	NBU 638-13E	1926' FNL 2504' FWL	T10S-R22E-13-SENW
UTUO8512 ST	4304750019	NBU 639-13E	859' FNL 1902' FEL	T10S-R22E-13-NWNE
UTUO8512 ST	4304750014	NBU 640-13E	1619' FNL 1639' FEL	T10S-R22E-13-SWNE
UTUO8512A ST	4304750058	NBU 641-13E	990' FNL 1184' FEL	T10S-R22E-13-NENE
UTUO8512 ST	4304750013	NBU 642-13E	1949' FNL 858' FEL	T10S-R22E-13-SENE
UTUO2270A	4304739957	NBU 653-07E	660' FNL 1980' FWL	T10S-R21E-07-NENW
UTUO2270A	4304739956	NBU 654-07E	1913' FNL 522' FWL	T10S-R21E-07-SWNW
UTUO2270A	4304739860	NBU 655-07E	1926' FSL 750' FWL	T10S-R21E-07-NWSW
UTUO1791	4304739856	NBU 658-01E	2177' FNL 1784' FEL	T10S-R20E-01-SWNE
UTUO2270A	4304739858	NBU 660-12E	661' FNL 691' FEL	T10S-R20E-12-NENE
ML22790	4304750011	NBU 661-24E	1734' FSL 661' FWL	T10S-R20E-24-NWSW
ML22790	4304750017	NBU 662-24E	809' FSL 807' FWL	T10S-R20E-24-SWSW
ML22790	4304750010	NBU 663-24E	810' FSL 1979' FWL	T10S-R20E-24-SESW
ML22790	4304739867	NBU 664-24E	1810' FNL 1781' FEL	T10S-R20E-24-NWSE
ML22790	4304750018	NBU 665-24E	1950' FSL 660' FEL	T10S-R20E-24-NESE
ML22790	4304750057	NBU 666-24E	1043' FSL 1722' FEL	T10S-R20E-24-SWSE
ML22790	4304750012	NBU 667-24E	660' FSL 660' FEL	T10S-R20E-24-SESE
UTUO2270A	4304739901	NBU 668-12E	859' FNL 1915' FEL	T10S-R20E-12-NWNE
UO1207 ST	4304740084	NBU 670-29E	2018' FSL 859' FEL	T09S-R22E-29-NESE
UO1207 ST	4304750027	NBU 691-29E	680' FNL 797' FEL	T09S-R22E-29-NENE
ML3140.5	4304738330	NBU 760-36E	1320' FNL 1320' FEL	T09S-R20E-36-NENE
UTU4476	4304738632	NBU 762-26E	1506' FNL 1449' FEL	T10S-R20E-26-SWNE
ML22792	4304738332	NBU 763-19E	1258' FSL 1388' FEL	T10S-R21E-19-SWSE
ML3142	4304738331	NBU 764-32E	875' FNL 667' FWL	T09S-R21E-32-NWNW
UTUO1791	4304738633	NBU 765-09E	1000' FSL 1640' FWL	T10S-R21E-09-SESW

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: U-01393-B

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 614-05E

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047393050000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6515 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0716 FNL 1967 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 05 Township: 10.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 8/24/2011	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE SUBJECT WELL WAS RETURNED TO PRODUCTION ON 08/24/2011.

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Sheila Wopsock	435 781-7024	Regulatory Analyst
SIGNATURE N/A		**DATE** 8/30/2011

RECEIVED Aug. 30, 2011

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
U-01393-B

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:
NATURAL BUTTES

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
NBU 614-05E

2. NAME OF OPERATOR:
KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER:
43047393050000

3. ADDRESS OF OPERATOR:
P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER:
720 929-6515

9. FIELD and POOL or WILDCAT:
NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0716 FNL 1967 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 05 Township: 10.0S Range: 21.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 12/17/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	✓ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The operator requests authorization to plug and abandon the subject well location. Attached is the plug and abandonment procedure. Thank you.

Accepted by the Utah Division of Oil, Gas and Mining

Date: December 20, 2012

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jaime Scharnowske	720 929-6304	Regulartory Analyst
SIGNATURE		**DATE**
N/A		12/17/2012

RECEIVED: Dec. 17, 2012

NBU 614-5E
716' FNL & 1967' FEL
NENE LOT2, SEC.5, T10S, R21E
Uintah County, UT

KBE:	4969'	**API NUMBER:**	4304739305
GLE:	4956'	**LEASE NUMBER:**	UTU-01393-B
TD:	8070'		
PBTD:	8044'		

CASING :

12 ¼" hole
9.625" 36# J-55 @ 2383'
Cmt w/ 600 sx, TOC @ Surface

7.875" hole
4.5" 11.6# P-110 @ 8070'
TOC @ ~242 per CBL

PERFORATIONS: Wasatch 5166' – 7611'*
*This depth differs from the completion report as submitted, however the chronological history states the depths above as the perforated interval.

TUBING: EOT @ 7308' (per EOG completion report dated 1/3/09)

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.0217	0.0039
4.5" 11.6# P-110	3.875	7560	10690	0.6528	0.0872	0.0155
9.625" 36# K-55	8.921	2020	3520	3.247	0.434	0.0773
Annular Capacities						
2.375" tbg. X 4 ½" 11.6# csg				0.4227	0.0565	0.0101
4.5" csg X 9 5/8" 36# csg				2.227	0.2977	0.053
4.5" csg X 7.875 borehole				1.704	0.2276	0.0406
9 5/8" csg X 12 1/4" borehole				2.3436	0.3132	0.0558

GEOLOGIC INFORMATION:

Formation	**Depth to top, ft.**
Uinta	Surface
Green River	1439'
Bird's Nest	1706'
Mahogany	2197'
Base of Parachute	3071'
Wasatch	4744'
Mesaverde	7743'

Tech. Pub. #92 Base of USDW's

USDW Elevation	~900' MSL
USDW Depth	~4069' KBE

RECEIVED: Dec. 17, 2012

NBU 614-5E PLUG & ABANDONMENT PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDE. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY BLM 24 HOURS BEFORE MOVING ON LOCATION.
- A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.

PROCEDURE

Note: Approx. **387 sx** Class "G" cement needed for procedure, **(1) 4.5" CIBP + (1) 4.5" CICR**.
Note: No Gyro has not been run on this well.

1. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.

2. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.

3. PULL TBG. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. RUN GYRO SURVEY.

4. **PLUG #1, ISOLATE WAS PERFORATIONS (5166' – 7611'):** RIH W/ 4 ½" CIBP. SET @ ~5110'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **8 SX / 1.6 BBL / 8.7 CUFT**. ON TOP OF PLUG. PUH ABOVE TOC (~5010'). REVERSE CIRCULATE W/ TREATED WATER.

5. **PLUG #2, PROTECT TOP OF WASATCH (4744') & BASE OF USDW (~4069'):** PUH TO ~4850'. BRK CIRC W/ FRESH WATER. DISPLACE **69 SX / 14.0 BBL / 78.5 CUFT**. AND BALANCE PLUG W/ TOC @ ~3950' (900' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER.

6. **PLUG #3, PROTECT BASE OF PARACHUTE (~3071'):** PUH TO ~3200'. BRK CIRC W/ FRESH WATER. DISPLACE **23 SX / 4.7 BBL / 26.2 CUFT**. AND BALANCE PLUG W/ TOC @ ~2900' (300' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER.

7. **PLUG #4, PROTECT SURFACE CASING SHOE (2426'):** RIH W/ WIRELINE & PERFORATE @ 2450' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CICR, SET @ 2380'. RIH W/ TBG & STING INTO CICR & SQUEEZE PERFS W/ APPROXIMATELY **24 SX / 4.9 BBL / 27.3 CUFT** OR SUFFICIENT VOLUME TO FILL CSG & ANNULUS TO 2380'. STING OUT OF CICR AND SPOT **4 SX / 0.8 BBL / 4.4 CUFT.** CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~2330'). REVERSE CIRCULATE W/ TREATED FRESH WATER.

8. **PLUG #5, PROTECT TOP OF MAHOGANY (2197'), TOP OF BIRD'S NEST (~1706'), & TOP OF GREEN RIVER (1439'):** PUH TO ~2300'. BRK CIRC W/ FRESH WATER. DISPLACE **76 SX / 15.5 BBL / 87.25 CUFT**. AND BALANCE PLUG W/ TOC @ ~1300' (1000' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER.

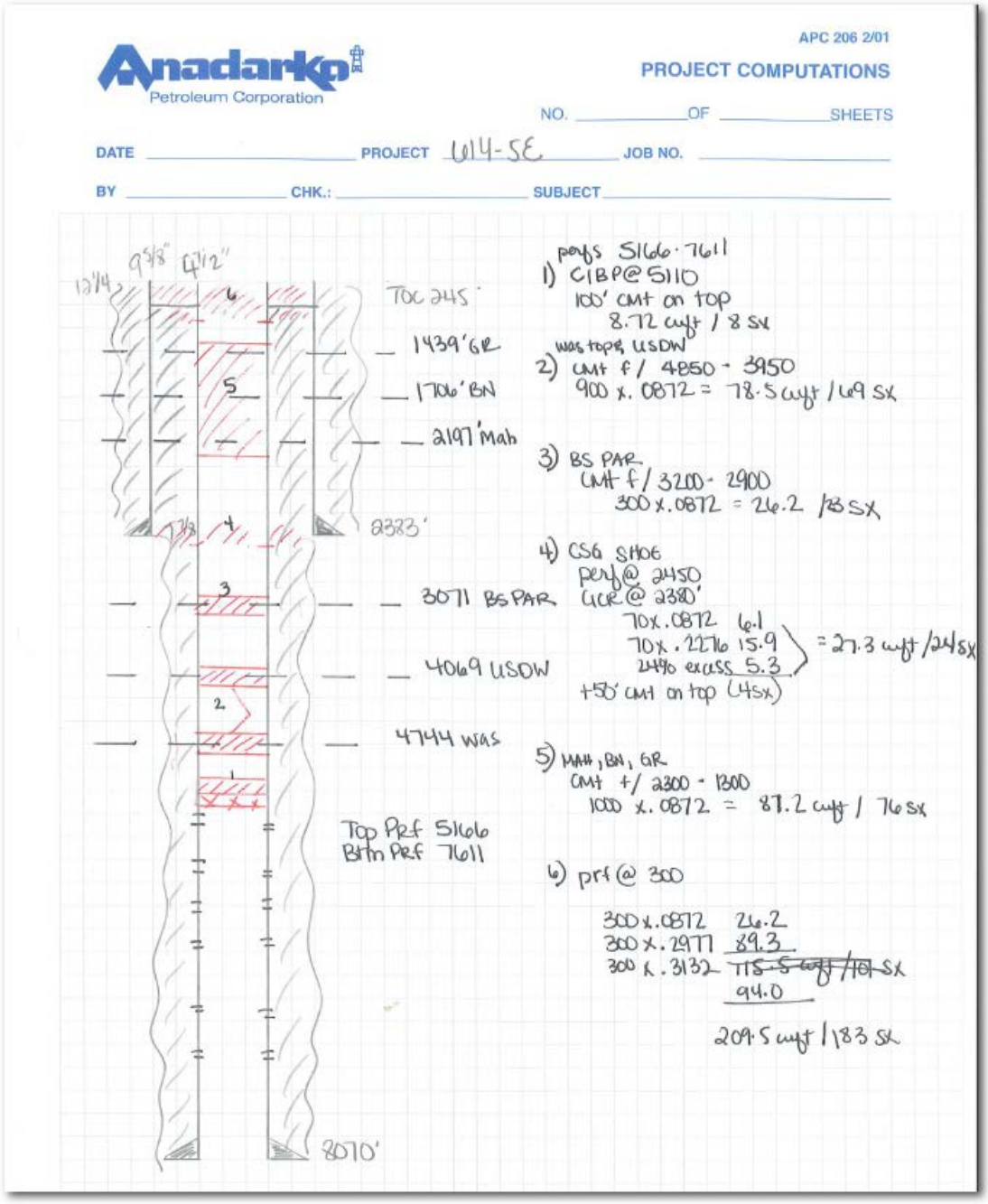
9. **PLUG #6, FILL SURFACE HOLE:** POOH. RIH W/ WIRELINE, PERFORATE @ 300' W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP **183 SX / 37.3 BBL / 209.5 CUFT.** OR SUFFICIENT VOLUME TO FILL ANNULUS AND CASING TO SURFACE.

10. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.

RECEIVED: Dec. 17, 2012

11. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

ALM 11/28/12



RECEIVED: Dec. 17, 2012

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: U-01393-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 614-05E

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047393050000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 **PHONE NUMBER:** 720 929-6100

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0716 FNL 1967 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 05 Township: 10.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☑ DRILLING REPORT Report Date: 7/8/2014	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE NBU 614-5E WELL WAS SI AND RETURNED TO PRODUCTION ON 07/03/2014. THANK YOU.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
August 06, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kay E. Kelly	720 929 6582	Regulatory Analyst
SIGNATURE N/A		**DATE** 7/8/2014

RECEIVED: Jul. 08, 2014

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047393050000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6100

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0716 FNL 1967 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 05 Township: 10.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 1/22/2015	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☑ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Kerr-McGee Oil & Gas Onshore, LP has plugged and abandoned the NBU 615-05E well. Please see the operations summary report for details.
Thank you.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
February 23, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kristina Geno	720 929-6824	Regulatory Analyst
SIGNATURE N/A		**DATE** 2/18/2015

US ROCKIES REGION

Operation Summary Report

Well: NBU 614-05E		Spud date: 11/29/2008	
Project: UTAH-UINTAH	Site: NBU 614-05E		Rig name no.: GWS 1/1
Event: ABANDONMENT	Start date: 1/19/2015		End date: 1/22/2015
Active datum: RKB @4,967.00usft (above Mean Sea Level)	UWI: NBU 614-05E		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
1/19/2015	6:45 - 7:00	0.25	ABANDP	48		P		HSM.
	7:00 - 10:00	3.00	ABANDP	30	G	P		ROAD RIG F/ NBU 921-20P PAD. \nROAD MUDDY & SLICK.
	10:00 - 11:00	1.00	ABANDP	30	A	P		MIRU RIG & SPOT EQUIP.
	11:00 - 13:00	2.00	ABANDP	31	I	P		ATTM T/ BLEED OFF WELL PSI. WELL HEAD, FLOW LINES & SEP FROZE.\nWAIT FOR HEATER. \nUNFREEZE WH. \nSICP = 1500 PSI. OPEN WELL T/ FBT. FLOW WELL THE REST OF THE DAY & OVER NIGHT. (TEAM OIL FIELD WATCH IT OVER NIGHT)\nWINTERIZE WH. SDFN
1/20/2015	6:45 - 7:00	0.25	ABANDP	48		P		HSM. SLIP, TRIP & FALL'S.
	7:00 - 9:00	2.00	ABANDP	30	F	P		WELL FLOWED UP CSG OVER NIGHT @ 170 PSI, MADE 25 - 30 BPH. \nRU BLOW DOWN LINE T/ TBG. SITP = 500 PSI. BLOW TBG DWN T/ RIG TANK.\nRIG PUMP T/ TBG. PUMP 30 BBLS T-MAC. KILL TBG. ND WH. NU BOP. \nRU RIG FLOOR & TBG EQUIP.
	9:00 - 13:30	4.50	ABANDP	45	A	P		MIRU SCAN TECH.\nUNLAND TBG. LD 41/16 FMC TBG HNGR. \nPOOH SCAN TBG. \nFOUND = 81 YB, 29 BB, 54 RB JTS.\nFOUND FOUND SL TOOLS IN JTS 157.\nFOUND HOLE IN JT 112. \nLIGHT OD PITTING F/ 2830' T/ 2961'.\nHEAVY OD PITTING F/ 3125' T/ 3948'.\nLIGHT ID PITTING F/ 4571' T/ 4620'\nJTS 156 & 157 PLUGED (COULD NOT GET SL TOOLS OUT OF TBG)\nLD SN & TOP OF POBS.\nRDMO SCAN TECH.
	13:30 - 17:00	3.50	ABANDP	35	E	P		MIRU MULTI SHOT.\nGYRO WELL F/ SURFACE T/ 7870'. POOH.\nSWI. RDMO MULTI SHOT SL.\nWINTERIZE WELL HEAD & EQUIP.\nSDFN.
1/21/2015	6:45 - 7:00	0.25	ABANDP	48		P		HSM. SLIP, TRIP & FALL'S.
	7:00 - 10:00	3.00	ABANDP	34	I	P		SICP = 100 PSI.\nBLOW WELL DOWN T/ FBT. \nMIRU CUTTERS WL. PU 41/2 GR. RIH T/ 5130'. POOH. \nPU 41/2 CIBP. RIH SET CIBP @ 5121'.\nPOOH. FILL CSG W/ 23 BBLS. \nPSI TEST CSG & PLUG T/ 500 PSI. GOOD TEST. BLEED OFF PSI.
	10:00 - 17:30	7.50	ABANDP	51	D	P		PU 23/8 NOTCH COLLER, RIH W/ 157 JTS. TAG CIPB @ 5120'. P/U 6'.\n1st CMT) PUMP 5 BBLS FRESH 8SX CLASS G CMT, DISP.\nPOOH LD 8 JTS \n2nd CMT PLUG) EOT @ 4860'. PUMP 5 BBLS FRESH, 69 SX CMT, DISP W/ 17 BBL.\nPOOH LD 52 JTS.\n3rd CMT PLUG) EOT @ 3201'. PUMP 5 BBLS FRESH, 23 SX CMT, DISP W/ 12 BBLS.\nPOOH LD 25 JTS. STD BCK 72 JTS. \nPU 31/8 SQUEEZE GUN. RIH SHOOT 4 HOLE @ 2450'. \nPOOH W/ WL. \nPU 4.5 CICR. RIH W/ 72 JTS. EOT @ 2381'. DID NOT SET CICR. TRY T/ EST INJT RT IN THE :AM.\nSWI. WINTERIZE WH. SDFN.
1/22/2015	6:45 - 7:00	0.25	ABANDP	48		P		HSM. SLIP, TRIP & FALLS.

RECEIVED: Feb. 18, 2015

US ROCKIES REGION

Operation Summary Report

Well: NBU 614-05E		Spud date: 11/29/2008	
Project: UTAH-UINTAH	Site: NBU 614-05E		Rig name no.: GWS 1/1
Event: ABANDONMENT	Start date: 1/19/2015		End date: 1/22/2015
Active datum: RKB @4,967.00usft (above Mean Sea Level)	UWI: NBU 614-05E		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:00 - 15:00	8.00	ABANDP	51	D	P		0 PSI ON WELL.\nOPEN WELL. RU CMT CREW T/ TBG.\nEST INJT RT @ 1600 PSI @ .5 BPM. SHUT DOWN PUMPING.\n\n4th CMT PLUG) SET CICR @ 2381'. PUMP 24 SX CMT IN T/ PERF.\nUNSTING, SPOT 4 SX CMT ON TOP OF CICR.\n\n5th CMT PLUG) LD 2 JTS. EOT @ 2320'. \nPUMP 76 SX CMT, 1000' BP.\nPOOH LD ALL TBG. PU 31/8, 1' SQEEZE GUN. RIH SHOOT 4 HOLES @ 220' (AS PER BLM OK) POOH. RDMO CUTTERS WL. \nATTM T/ BRK CICR UP SURFACE CSG. NO CIRC. RD TBG EQUIP & RIG FLOOR. ND BOP. \n\nSURFACE CMT PLUG - RIH W/ 7 JTS 23/8 TBG. EOT @ 230'. PUMP 17 SX CMT T/ SURFACE IN 4.5 CSG. \nPOOH LD 7 JTS TBG. \nRD RIG. MOVE OUT OF THE WAY. \n\nDIG UP AROUND WH. CUT WH OFF.\nFILL 95/8 x 4.5 ANNUL W/ 75 SX CMT. \nINSTALL MARKER PLATE. BACK FILL AROUND WH.\nGPS = 39.98260 / -109.57392\n\nRACK OUT RIG EQUIP. READY T/ ROAD IN THE :AM ON FROZEN ROADS.